



BOROUGH OF WALLSEND.

ANNUAL REPORT

OF THE

MEDICAL OFFICER
OF HEALTH

ROBERT RUTHERFORD

(M.C.) M.B., B.S., D.P.H., B.HY.,

FOR THE YEAR

1938.



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BOROUGH OF WALLSEND

SANITARY COMMITTEE.

Chairman—ALDERMAN J. A. FREEBURN, J.P.

Vice-Chairman—COUNCILLOR R. R. WALKER

The Mayor—ALDERMAN J. PATON, J.P.

ALDERMAN J. W. CHICKEN, J.P.	ALDERMAN J. SALMON
COUNCILLOR W. BROWN	COUNCILLOR A. MCFARLANE
„ H. DAGLISH	„ J. ORMSTON
„ T. FALCONER	„ H. RYAN
„ G. GROGAN	„ T. TIPPET
„ F. O. HOWE	„ W. F. TOCHER
„ R. A. LOWDON	„ E. TURPIN
„ J. MULLARKEY	„ R. B. H. WEBSTER, J.P.

Maternity & Child Welfare Committee

Chairman—COUNCILLOR H. RYAN

Vice-Chairman—COUNCILLOR L. ROOKE

The Mayor—ALDERMAN J. PATON, J.P.

ALDERMAN T. BLACK	ALDERMAN W. NORTH, J.P.
„ J. MASON, J.P.	„ A. M. WALLACE
„ P. J. McARDLE, J.P.	
COUNCILLOR W. BROWN	COUNCILLOR J. MULLARKEY
„ H. DAGLISH	„ A. MCFARLANE
„ T. FALCONER	„ G. RIMER
„ J. HARDY	„ E. TURPIN
„ F. O. HOWE	„ R. B. H. WEBSTER, J.P.

AND

MRS. A. ALLEN	MRS. M. I. HOWE
MRS. A. W. BARTLE	MRS. E. A. MOORE
MRS. M. S. BLACKWELL	MRS. H. MORGAN
MRS. J. A. BROWN	MRS. M. D. PATON
MRS. H. GLADSTONE	

STAFF OF PUBLIC HEALTH DEPARTMENT.

Office.	Name.	Qualifications.	Whole or Part Time.	Salary contrib'd under Public Health Acts or by Exchequer Grants.
Medical Officer of Health, Principal School Medical Officer, Medical Supt. Isolation Hospital Medical Supt. Maternity & Child Welfare.	Robert Rutherford	M.B., B.S., D.P.H., B.Hy.	Whole Time	Both
Sanitary and Housing Inspect., Inspector under Diseases of Animals Act, Inspector under Shops Act, Inspector under Petroleum Acts, Public Cleansing Officer.	William Johnson	San. Insp. Cert. R.S.I.. Meat Insp. Cert. R.S.I., M.I.P.C.	do.	P.H. Acts
Veterinary Surgeon	†Nathaniel Irvin	M.R.C.V.S.	Part Time	Nil.
1st Asst. Sanitary Inspector.	William L. Black	San. Insp. Cert. R.S.I. Cert. Build'g. Constr.	Whole Time	Nil.
2nd Asst. Sanitary Inspector.	J. G. Dixon	San. Insp. Cert. R.S.I. Meat Insp. Cert. R.S.I.	do.	Nil.
3rd Asst. Sanitary Inspector.	Norman Pounder	San. Insp. Cert. R.S.I. Meat Insp. Cert. R.S.A. (Scot.)	do.	Nil.
Health Visitors & School Nurses	Miss H. Maddison	Hosp. trained & C.M.B. Cert.	do.	Exch. Grants
	Mrs. M. Harrison	Hosp. trained H.V. Cert. R. San. Inst. C.M.B. Cert.	do.	do.
	Miss N. Forrest	Hosp. trained New H.V. Cert. R. San. Inst. & C.M.B. Cert.	do.	do.
	Mrs. L. Charlton	Hosp. trained & C.M.B. Cert.	do.	do.
	Miss M White	Hosp. trained & C.M.B. Cert. New H.V. Cert. R. San. Inst.	do.	do.
Chief Clerk	P. Milne	San. Insp. Cert. R.S.I.	do.	Nil.
Clerk (School Medical)	Miss G. M. Burn		do.	Exch. Grants
Assist. Clerk	,, C. M. Drummond		do.	Nil.

† Retired April.

HEALTH DEPARTMENT,

TOWN HALL,

WALLSEND-ON-TYNE,

October, 1939.

To the Chairman and Members of the Sanitary Committee.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I herewith present my Annual Report on the Health and Sanitary Services of the Borough for the year 1938, which Report is drawn to meet the requirements of the Ministry of Health.

Excellent progress has been made with housing, re-housing and slum clearance so that now but little is left to complete the slum clearance programme, after which amelioration of the overcrowding which exists remains to be tackled as well as more supervision and pressure with negligent and dirty tenants.

Whilst pleasing to record not a single maternal death of the 993 confinements during the year, on the other hand an increased infantile mortality indicates further effort to still improve ante natal condition of motherhood.

The belated new Clinic premises in course of erection when completed will afford increased facilities for the Authority's Maternity and Child Welfare and School Medical work and reflect in more efficient service.

I have pleasure in recording my appreciation of the Committee's consideration and the assistance of a loyal staff.

I am,

Your obedient servant,

ROBERT RUTHERFORD,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

(1) Area of the Borough	...	...	3,543·993 acres
(2) Population at Census 1931	...	...	44,587
(3) Population—Mid-year 1938.	Registrar		
General's Estimate	...	...	43,970
(4) No. of inhabited houses at end of 1938			
(according to the Rate Books)	...		12,200
(5) Rateable Value	...	...	£228,920
(6) Product of a penny rate	...	...	£902 7s. 1d.

Social Conditions.—The Municipal Borough of Wallsend has a river frontage of 2.1 miles and an area of 3543.993 acres adjoining the City and County of Newcastle upon Tyne on the west and the County Borough of Tynemouth on the east all situated on the north bank of the River Tyne.

The area is almost entirely industrial, the chief industries being coal mining and coal export, together with ship-building and repairing as well as marine and other engineering.

Many of the larger firms operate welfare schemes, and also provide recreational facilities for their employees, whilst pit-head baths are provided by the local colliery company.

Industrial labour is almost entirely confined to males, the only exception being the female labour employed by a large rope works in the area.

INSURED POPULATION AND UNEMPLOYMENT.

I am indebted to Mr. Doman and Mr. Hunt, Managers of the Wallsend and Willington Quay Labour Exchanges respectively, from whose information I am able to furnish the undermentioned particulars regarding unemployment and the number of insured persons.

INSURED POPULATION.

1930	...	...	...	18117
1931	...	...	...	16920
1932	...	...	...	17367
1933	...	...	...	17387
1934	...	...	...	16740
1935	...	...	...	18670
1936	...	...	...	18141
1937	...	...	...	18815
1938	...	...	...	20083

		1936						Total
		Men.	Young Men.	Boys.	Women.	Young Women.	Girls.	
Highest No. of Un-	employed	4740	283	289	233	120	508	5983
Lowest No. of Un-	employed	3268	77	131	126	42	196	3840
No. on Register at	end of year... ..	3628	133	133	160	92	231	4377
1937.								
Highest No. of Un-	employed	3805	179	172	191	84	234	4665
Lowest No. of Un-	employed	2536	104	130	167	103	234	3274
No. on Register at	end of Year	2854	138	89	191	93	206	3571
1938.								
Highest No. of Un-	employed	2905	138	125	270	192	283	3913
Lowest No. of Un-	employed	2217	74	28	161	83	104	3667
No. on Register at	end of Year	2391	98	32	207	86	117	2931

The above tables happily shew a progressive improvement in employment for the last three years, but it will be noted that the improvement pertains almost entirely to the male population, men, young men and boys ; the latter two categories in particular.

Apart from a slight improvement in employment in the case of girls it will be noted that unemployment in the case of women and young women has somewhat increased, emphasizing again, as in the past, the non-participation of female labour in the local industries.

The most pleasing feature shewn in the 1938 table, is the very marked improvement in the employment of young men and boys, whose absorption into industry should brighten their future prospects.

OUT-DOOR RELIEF

The amount of out-door relief paid during the last seven years is shown as follows :—

1931	...	...	£13,412	7	8
1932	...	...	£18,168	11	0
1933	...	...	£26,413	16	11
1934	...	...	£28,883	6	8
1935	...	...	£29,661	0	0
1936	...	...	£29,301	17	6
1937	...	...	£25,060	19	3
1938	...	...	£25,109	4	3

The amount of out-door relief paid and the number of admissions to Public Assistance Institutions during 1938 were distributed as follows :—

	RELIEF DISTRICT									TOTAL		
	EAST			CENTRAL			WEST					
Outdoor Relief.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Cash	7,588	12	6	7,844	12	3	7,261	12	9	22,694	17	6
Kind	714	2	3	773	17	0	926	7	6	2,414	6	9
TOTAL	8,302	14	9	8,628	9	3	8,188	0	3	25,109	4	3
Admissions to Institutions ...	84			71			64			219		

EXTRACTS FROM VITAL STATISTICS.

Total. Male. Female.

Live Births—

Legitimate ...	711	361	350	Birth Rate per 1,000 of the estimated resident popu- lation 16.7
Illegitimate ...	25	17	8	

Still Births—

Legitimate ...	17	8	9	Rate per 1,000 total (live and still births) 27.7
Illegitimate ...	4	3	1	

Deaths ...	545	285	260	Death Rate per 1,000 of the estimated resident popu- lation 12.4
------------	-----	-----	-----	--

Deaths from Puerperal Causes (Maternal Mortality)—

It is pleasing to note that during the year in no single instance was a maternal death recorded.

Death Rate of Infants under one year of age (Infantile Mortality)—

All Infants per 1,000 live births	85.5
Legitimate Infants per 1,000 legitimate live births ...	85.4
Illegitimate Infants per 1,000 illegitimate live births ...	80.0

Number of Deaths from Cancer (all ages)	63
Number of Deaths from Measles (all ages)	8
Number of Deaths from Whooping Cough (all ages) ...	4
Number of Deaths from Diarrhoea (under 2 years of age)	5

VITAL STATISTICS.

Population.—The population of the Borough at the 1931 Census was 44,587.

The Registrar General's estimate of the resident population at mid-year 1938 was 43,970.

The yearly record of population is shewn in Table 1 of the Appendix Tables, from which it will be noted that the peak year of population was 1927, when the population numbered 45,730, following which there was a yearly progressive diminution till 1936, when the population was 43,640, succeeded by an estimated increase of 210 in 1937, and 120 during the last year. This slight increase of the population during the last two years coincides with some revival in industry and increased employment, and in the absence of new industries is insufficient in view of the generally declining birth rate, to be other than pessimistic regarding a declining population.

BIRTHS.

Births.—During 1938 there were 736 live births and a birth rate of 16.7 per 1,000 population compared with 726 births and a rate of 16.5 for the preceding year. Of the total births 378 were males and 358 females. These figures regarding births are the Registrar General's corrected number for "Inward" and "Outward" transfer births.

There were 25 illegitimate births (17 male and 8 female), or 3.4 per cent. of the total live births.

The annual birth rates for the Borough since 1913 are shown in Table I of the appendix. The number of births reported to the Health Department under the Public Health Act, 1936, is shown in Table VI of the appendix.

The birth rate for the Borough compared with that of the country generally is hereunder :—

	Per 1,000 population					
England and Wales	15.1
126 County Boroughs and Great Towns	15.0
148 Smaller Towns	15.4
London	13.4
Wallsend	16.7

The birth rate of 16.7 shews but a slight increase from the preceding year, as will be seen in Table I of the Appendix Tables, which also shews an almost stationary birth rate for the last five years ; and though still a good deal higher than the rates for England and Wales and the country generally, the outlook of a diminishing population is a matter of grave national concern. Whilst unemployment and economic conditions conducive to limitation of families, generally occasion a diminished birth rate and declining population ; other factors such as the general higher standard of living, increased facilities for pleasure and recreation, together with the many avenues of employment now afforded for women, must all be taken into account.

The births in the respective wards for the years 1934 to 1938 were as follows :—

WARDS				1934	1935	1936	1937	1938
Northumberland	...	...	...	50	33	37	32	17
Wallsend	...	...	...	56	46	57	59	60
Carville	...	...	...	62	62	64	67	56
*Buddle	...	...	...	261	275	248	270	292
Holy Cross	...	...	...	46	40	32	54	31
Hadrian	...	...	...	67	43	53	59	64
Willington	...	...	...	33	53	57	63	57
*Willington Quay	...	...	...	252	251	297	310	338
Howdon	...	...	...	41	48	32	61	58
Totals				868	851	877	975	973
Registrar-General's corrected number				768	711	711	726	736

In each of the Buddle and Willington Quay Wards respectively there is a maternity hospital and a large number of the births notified in these wards should properly be assigned to other wards in the area as is shown on page 21, also many of the births in these maternity hospitals are outward transfer births which accounts for the difference between the total births recorded and the Registrar General's corrected number of births assignable to the district.

Still Births.—The number of Still-births registered during 1938 as supplied by the Registrar General was :—

				Male.		Female.		Total.
Legitimate	...	...	...	8	...	9	...	17
Illegitimate	...	...	...	3	...	1	...	4
				11			10	21

Still-births in Wallsend compared with the country generally are as hereunder :—

	Per 1,000 population.
England & Wales	0.60
126 County Boroughs and Great Towns ...	0.65
148 Smaller Towns	0.60
London	0.48
Wallsend	0.47

DEATHS.

Deaths.—During 1938, 545 deaths of Wallsend residents occurred, which is equivalent to an annual death rate of 12.4 per 1,000 of the population as compared with a rate of 12.3 in 1937, and 11.7 in 1936. Included in the number of deaths are those of 154 residents of the Borough who died elsewhere, but 17 residents of other areas who died in Wallsend are excluded.

CHIEF CAUSES OF MORTALITY DURING THE YEAR.

	<i>No. of Deaths.</i>	<i>Percentage of total Deaths.</i>
Heart Disease	109	20.0
Tuberculosis (all forms)	52	9.5
Circulatory Diseases (Arterio Sclerosis, Cerebral Haemorrhage, etc.)	79	14.5
Cancer	63	11.5
Pneumonia	24	4.4
Prematurity, and diseases of early infancy	32	5.8
Bronchitis	21	3.8
Violence and accidents	17	3.1
Nephritis	11	2.0

Deaths of infants (under one year of age) and maternal deaths are recorded in the section of the report which deals with Maternity and Child Welfare.

The death rate for Wallsend as compared with that for the country generally is as follows :—

	Per 1,000 Population.
England and Wales	11.6
126 County Boroughs and Great Towns	11.7
148 Smaller Towns	11.0
London	11.4
Wallsend	12.4

The death rate for the year of 12.4 per 1,000 of the population shews little variation from the preceding year's rate of 12.3, and though the average death rate for the last 10 years was 12 as compared with 13.18 for the preceding 10 years, the average diminution of the death rate of 1.18 compared with an average diminution of the birth rate for the same period of 7.9 shews a marked diminution in the natural increase of the population.

DEATHS OF RESIDENTS NOT REGISTERED
IN THE BOROUGH

INSTITUTION OR DISTRICT						Total Deaths
General Hospital, North Shields	...	...	...	...	...	66
Royal Victoria Infirmary, Newcastle	...	...	...	...	...	46
St. George's Hospital, Morpeth	...	...	...	...	...	11
General Hospital, Newcastle	...	...	...	...	...	5
City Hospital for Infectious Diseases, Newcastle	...	...	...	...	...	4
Fleming Memorial Hospital, Newcastle	...	...	...	...	...	3
Princess Mary Maternity Hospital, Newcastle	...	...	...	...	...	2
33 West Parade, Newcastle	...	...	...	...	...	2
Victoria Jubilee Infirmary, Tynemouth	...	...	...	...	...	2
8 Priory Place, Ipswich	...	...	...	...	...	1
Neptune Shipyard, Walker	...	...	...	...	...	1
High Turnpike Road, Percy Main	...	...	...	...	...	1
Wooley Sanatorium, Hexham	...	...	...	...	...	1
86 Wingrove Road, Newcastle	...	...	...	...	...	1
M/S Taranaki, Tynemouth	...	...	...	...	...	1
St. Andrew's Hospital, Morpeth	...	...	...	...	...	1
Linton Colliery, Morpeth	...	...	...	...	...	1
Leazes Hospital, Newcastle	...	...	...	...	...	1
50 Church Road, Tynemouth	...	...	...	...	...	1
Meadow View House, Whitehaven	...	...	...	...	...	1
The Nursery, Hextol Terrace, Hexham	...	...	...	...	...	1
Isolation Hospital, Gateshead	...	...	...	...	...	1
TOTAL						154

Natural Increase of Population.—The number of births in excess of deaths during 1938 was 191 as compared with 184 in 1937 and 197 in 1936.

Age at Death.				No. of Deaths.	Percentage of Total.
Under one year	...	...	...	63	11.5
1— 2 years	...	...	...	10	1.8
2— 5	„	...	...	15	2.8
5—15	„	...	...	15	2.8
15—25	„	...	...	16	2.9
25—45	„	...	...	59	10.8
45—65	„	...	...	139	25.5
65 years and upwards	...	...	...	228	40.0

The following table shows the classification of deaths from all causes (Registrar-General's figures) :—

CAUSES OF DEATH.						Males.	Females.
All Causes	...	...	...	...	...	285	260
Typhoid and Paratyphoid Fevers	...	...	...	...	...	0	1
Measles	...	...	...	...	...	6	2
Scarlet Fever	...	...	...	...	...	1	2
Whooping Cough	...	...	...	...	...	4	0
Diphtheria	...	...	...	...	...	3	3
Influenza	...	...	...	...	...	2	0
Encephalitis Lethargica	...	...	...	...	...	0	1
Cerebro-Spinal Meningitis	...	...	...	...	...	0	0
Tuberculosis of Respiratory System	...	...	...	...	...	15	24
Other Tuberculous Diseases	...	...	...	...	...	4	9
Syphilis	...	...	...	...	...	1	2
General Paralysis of the insane, tabes dorsalis	...	...	...	...	...	4	2
Cancer, malignant disease	...	...	...	...	...	32	31
Diabetes	...	...	...	...	...	5	6
Cerebral Haemorrhage, &c.	...	...	...	...	...	16	13
Heart Disease	...	...	...	...	...	49	60
Aneurysm	...	...	...	...	...	0	1
Other Circulatory Diseases	...	...	...	...	...	24	25
Bronchitis	...	...	...	...	...	12	9
Pneumonia (all forms)	...	...	...	...	...	14	10
Other Respiratory Diseases	...	...	...	...	...	3	3
Peptic Ulcer	...	...	...	...	...	2	0
Diarrhoea, &c., (under 2 years)	...	...	...	...	...	2	3
Appendicitis	...	...	...	...	...	1	1
Cirrhosis of Liver	...	...	...	...	...	2	2
Other Diseases of Liver, etc.	...	...	...	...	...	0	4
Other Digestive Diseases	...	...	...	...	...	12	3
Acute and Chronic Nephritis	...	...	...	...	...	5	6
Puerperal Sepsis	...	...	...	...	...	0	0
Other Puerperal Causes	...	...	...	...	...	0	0
Congenital Debility, premature birth, Malformations, etc	...	...	...	...	...	17	15
Senility	...	...	...	...	...	5	3
Suicide	...	...	...	...	...	1	1
Other Violence	...	...	...	...	...	14	1
Other Defined Diseases	...	...	...	...	...	29	17
Causes Ill-defined or unknown	...	...	...	...	...	0	0

Although there is substantial agreement between the Registrar General's classification and the local tabulation, discrepancy sometimes arises owing to modification in the light of further information obtained by the Registrar General's enquiries in indefinite cases.

DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.

The seven "Principal zymotic diseases" caused deaths as follows :—

		Death Rate
Diarrhoea and Enteritis (under two years)	... 5	0.11
Measles	... 8	0.18
Whooping Cough	... 4	0.09
Diphtheria	... 6	0.13
Fever (Enteric, Typhus and simple continued fever)	... 1	0.02
Scarlet fever	... 3	0.06
Smallpox	... Nil.	—

This corresponds to a death rate from all these diseases of 0.6 per 1,000 population.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Public Health Staff.—For a detailed list of the Staff of the Public Health Department, see page 6.

(a) Laboratory Facilities.

(1) Bacteriological examination of milk and foodstuffs, etc., also bacteriological specimens from practitioners, the Infectious Diseases Hospital and the Public Health Department are examined and reported on by the Laboratory of the Northumberland County Council at Newburn-on-Tyne.

(2) Foodstuffs and water are sent for chemical examination to J. & H. S. Pattinson, Newcastle-on-Tyne.

(b) Ambulance Facilities.

(1) For the removal of infectious cases a motor ambulance is provided and kept at the Infectious Diseases Hospital.

(2) For non-infectious and accident cases the Corporation maintain two motor ambulances at the Fire Station, Wallsend, under the direction of the Brigade Superintendent and his Staff.

A further ambulance provided by the St. John Ambulance Association is maintained in the eastern part of the Borough at Willington Quay.

Several works in the area have their own motor ambulance.

(c) Nursing in the Home.

(1) General.

There are two voluntary nursing associations in the Borough, the Wallsend and the Willington Quay Nursing Associations respectively, each of which maintains a staff of visiting nurses.

(2) For Infectious Cases.

The Health Visitors of the local Authority where necessary visit and assist in the nursing and treatment of Infantile Diarrhoea, Ophthalmia Neonatorum, Measles, and Whooping Cough.

(3) Tuberculosis.

The authority for Tuberculosis in the area is the Northumberland County Council whose medical and nursing tuberculosis staff keep in touch with notified cases at the Tuberculosis Clinic or at their homes, also all notified cases are visited by the Local Authority's Health Visitors, and a card detailing the conditions and home circumstances is completed in each case, further a liaison is maintained regarding cases between the local Health Department and the County Council's Tuberculosis staff.

(4) Midwives.

The Northumberland County Council are the Supervising Authority under the Midwives Act, 1936, and have four paid Midwives serving in the Borough, together with the midwives attached to the Willington Quay Maternity Hospital, besides which, two independent midwives continue their practices.

(d).—CLINICS AND TREATMENT CENTRES.

CLINIC, ETC.	SITUATION.	PROVIDED BY.	WORK DONE.
1.—Maternity and Child Welfare Centre.	Vine Street, Wallsend. Sessions—Mondays, Wednesdays, 2-4. Doctor in attendance—Wednesdays.	Wallsend Corporation.	1.—Infant Consultations. 2.—Nursing Mother Consultations. 3.—Antenatal do. 4.—Distribution of Food Stuffs. 5.—Dental Treatment
2.— do.	Stead Memorial Chapel, Willington Quay. Sessions—Tuesdays, Thursdays, 2-4. Doctor in attendance—Thursdays.	do.	do. Except Dental Treatment, cases from which centre are treated at Wallsend Centre.
3.—Ante Natal Clinic.	At the Maternity and General Hospital, The Green, Wallsend, and also at the Willington Quay Maternity Hospital, a voluntary service of ante-natal medical supervision of expectant women by medical practitioners is available.	Voluntary	Examination & supervision of ante natal cases.
4.—School Clinic.	Vine St., Wallsend. Session each weekday morning 9.30—12. Doctor in attendance—Wednesday.	Wallsend Education Authority.	1.—Treatment of minor ailments of school and infant children. 2.—Consultations & advice. 3.—Inspection of special cases. 4.—Dental Work 5.—Refractive Work
5.—Tuberculosis	Vine Street, Wallsend.	Northumberland County Council.	1.—General Consultations, etc.
6.—Venereal Diseases.	Newcastle General Hospital, Westgate Road, Newcastle.	do.	1.—Consultations. 2.—Treatment.

The new clinic premises in course of erection in the Hall Grounds when completed will provide excellent facilities for the more efficient administration of the Maternity and Child Welfare as well as the School Medical Services.

HOSPITAL ACCOMMODATION.

(1) *Tuberculosis.*

Treatment for tuberculosis is provided by the Northumberland County Council at the County Sanatorium, Wooley, or other Institutions, none of which are in Wallsend.

(2) *Maternity.*

There are two voluntary Maternity Hospitals in the Borough—the Willington Quay Maternity Hospital with 14 maternity beds and the Wallsend General and Maternity Hospital with its maternity section having 9 maternity beds. The latter at present is enlarging both its maternity and general hospital accommodation

(3) *Children.*

Apart from the provision of three or four cots at the Wallsend General and Maternity Hospital, there is no other hospital premises for children in Wallsend.

(4) *General.*

Apart from the Wallsend General and Maternity Hospital with accommodation of 9 beds and 3 cots for general medical and surgical cases, which accommodation at the present time is being enlarged, there is no other general hospital provision in the Borough which however is well catered for by the many voluntary hospitals and institutions in Newcastle upon Tyne, the chief being the Royal Victoria Infirmary, whilst the voluntary North Shields Infirmary and the General Hospital, North Shields, of the Public Assistance Authority also serve the area.

(5) *Fever.*

Since the 1st April, 1938, the New Earsdon Joint Hospital Board with Isolation Hospitals in Wallsend and at Scaffold Hill afford admission and treatment of infectious disease occurring in the Borough of Wallsend, as well as from Blyth, Whitley and Monkseaton, Seaton Valley and Long Benton.

MATERNITY AND CHILD WELFARE.

NOTIFICATION OF BIRTHS, 1938.

Notified under the Public Health Act, 1936 (Part VII).

By Doctors and Others	...	...	...	...	259
By Midwives	...	...	...	...	734
					<hr/>
Total	...	...	...	...	993
					<hr/>
Number of Stillborn	...	...	...	...	21

The proportion of still births to live births was 2.16 per cent.
Comparison with infant mortality in England and Wales :—

					Per 1000 Live Births.
England and Wales	...	...	...	...	53
126 County Boroughs and Great Towns (including London)	...	...	...	...	57
148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	...	...	...	...	51
London	...	...	...	...	57
WALLSEND	...	...	...	...	85.5

Comparison with previous infant mortality in Wallsend :—

1915	...	...	...	...	128.7
1916	...	...	...	...	97.9
1917	...	...	...	...	125.1
1918	...	...	...	...	113.3
1919	...	...	...	...	133.6
1920	...	...	...	...	111.9
1921	...	...	...	...	110.5
1922	...	...	...	...	92.6
1923	...	...	...	...	79.2
1924	...	...	...	...	91.8
1925	...	...	...	...	108.6
1926	...	...	...	...	63.1
1927	...	...	...	...	85.7
1928	...	...	...	...	83.07
1929	...	...	...	...	94.4
1930	...	...	...	...	72.5
1931	...	...	...	...	85.8
1932	...	...	...	...	80.3
1933	...	...	...	...	78.1
1934	...	...	...	...	78.1
1935	...	...	...	...	66.1
1936	...	...	...	...	78.7
1937	...	...	...	...	71.6
1938	...	...	...	...	85.5

Infant Deaths—

Legitimate	...	...	...	...	61
Illegitimate	...	...	...	...	2
					—
					63
					==

Rate per 1,000 Births—

Legitimate	...	...	...	...	85.4
Illegitimate	...	...	...	...	80.0

The following table shows the number of infant deaths and infant mortality rates for each of the municipal wards :—

INFANT DEATHS AND INFANT MORTALITY RATES
IN EACH WARD FOR 1938

WARDS.	Births.	Deaths under 1 year.	Death rate per 1,000 Births.
Northumberland	31	2	64.5
Wallsend	77	10	130.0
Carville	70	3	42.8
Buddle	137	10	73.0
Holy Cross	67	8	119.4
Hadrian	78	5	64.1
Willington	101	10	99.0
Willington Quay	86	4	46.5
Howdon	80	11	137.5
Totals	727	63	86.6

Infantile Mortality.—There were 63 deaths among infants under one year showing an infantile mortality rate of 85.5 per 1,000 births compared with 73.0 in 1937.

Of the 63 deaths, 34 occurred among males and 29 among females, an infant mortality rate of 88.4 and 78.3 per 1,000 male and female births respectively.

There were 2 deaths of illegitimate infant children.

Neo-natal deaths or deaths occurring in the first month of life numbered 30, or a neo-natal infant death rate of 40 per 1,000 births. Further, of the 30 infants who died in the first month of life, 20 died in the first week.

The principal causes of Infant Deaths were :—

ANTE NATAL :

Prematurity	14
Debility	11

POST NATAL :

Pneumonia	9
Bronchitis	3
Other Causes	5

PUERPERAL FEVER

	1934	1935	1936	1937	1938
No. of Cases Notified	1	2	1	...	...
No. of Deaths ... ..	...	1	1	...	...

PUERPERAL PYREXIA

	1934	1935	1936	1937	1938
No. of Cases Notified	8	11	6	4	2
No. of Deaths	2	...	...	1	...

During the year two cases of Puerperal Pyrexia were notified, one from a local Maternity Hospital, and one, of a woman confined at home, both cases happened to be women resident in the Buddle Ward.

MATERNAL MORTALITY

There was not a single maternal death recorded during the year, out of the 993 confinements notified, which is pleasing to record.

The increase in the infant mortality of 85.5 per 1,000 births as compared with 71.6 for the preceding year is a matter of concern, denoting in view of the fact of some increase in the neo-natal mortality rate from the previous year, that a still greater effort to improve nutrition and welfare of expectant mothers is necessary.

OPHTHALMIA NEONATORUM.

3 cases of ophthalmia neonatorum were notified during the year. 2 were visited by a Health Visitor, the other notified from a voluntary hospital, a case outside the Wallsend area.

	Cases Notified.	Treated at Home.	Treated in Hospital	Vision Unim- paired.	Vision Im- paired.	Total Blind- ness.
Ophthalmia Neonatorum ...	3	2	1	3	...	...

Work of Health Visitors.—Visits by Health Visitors during the year :—

First visits to expectant mothers ...	264
Re-visits to expectant mothers ...	244
First visits to infants ...	704
Re-visits to infants ...	2401
Re-visits to infants 1-5 years ...	5286

SPECIAL VISITS BY HEALTH VISITORS.

DISEASES	No. of Cases Notified	No. of Cases Visited	No. of Cases Nursed	No. of Cases Removed to Hospital
Opthalmia Neonatorum ...	3	2	—	—
Puerperal Fever ...	—	—	—	—
Puerperal Pyrexia ...	2	2	—	1
Measles ...	—	60	—	—
Whooping Cough ...	—	55	—	—

INFANT LIFE PROTECTION

At the end of the year 1937, 9 children were on the Local Authority's register, 2 children were added, and 5 removed (2 to the care of their parents, 1 to the care of a grandparent, and 2 attained the age of nine years), so that at the end of 1938 there were 6 children on the register, all of whom were under observation of the Authority's Health Visitors.

SUMMARY OF ATTENDANCES AT MATERNITY AND CHILD WELFARE CENTRES.

	WALLSEND CENTRE.	WILLINGTON QUAY CENTRE.	TOTAL.
Attendances during the year—			
By Health Visitors ...	251	204	455
„ Infants ...	11011	7394	18405
„ Children, 1 to 5 years...	2976	1907	4883
„ Expectant Mothers ...	669	542	1211
Consultations—			
Infants and Children ...	721	499	1220
Expectant Mothers ...	130	118	248
Average Weekly Attendances—			
(a) Health Visitors ...	5	4	9
(b) Infants ...	211	142	353
(c) Children, 1 to 5 years ...	57	36	93
(d) Expectant Mothers ...	13	10	23
Average Weekly Consultations—			
Infants and Children ...	14	9	23
Expectant Mothers ...	2	2	4
Number who attended for the First Time—			
Infants and Children ...	524	297	821
Expectant Mothers ...	117	108	225

TREATMENT CARRIED OUT AT THE MATERNITY AND CHILD WELFARE CENTRES.

Abscesses	13 cases treated.
Burns and Scalds	4 „
Circumcisions (dressed)	64 „
Cunjunctivitis and Blepharitis	21 „
Eczema and Dermatitis	11 „
Impetigo	31 „
Otorrhoea	26 „
Ringworm	1 „
Septic Conditions	43 „
Umbilical Hernia	34 „
Scabies	16 „
Seborrhoea	6 „

Orthopaedic Treatment.—The Local Authority do not provide orthopaedic treatment and where necessary such cases are referred to one or other of the several voluntary hospitals in Newcastle where this treatment is available.

MILK FOODS

During the year 7.92 tons of milk foods were retailed at cost at the two Maternity and Child Welfare Centres, and 5.68 tons were distributed free, compared with 5.68 tons and 6.25 tons respectively in the preceding year. The increase in sales and some diminution of the free distribution is further evidence of lessened unemployment, and improvement in local industry.

Free supplemental nourishment to all necessitous expectant mothers at any stage of confinement, but usually 3 to 4 months prior to confinement is provided by the Local Authority, and continued after confinement till complete recovery. Breast-feeding is always encouraged, to attain which, nourishment is provided for the mother if necessary, whilst infants of mothers unable to breastfeed them are supplied with milk, generally up to the age of one year, but longer if necessary; also debilitated children up to the age of five years in special cases are supplied with milk or supplemental food stuffs.

The Welfare Centre's service of milk and supplemental food supply is available at the cost of the Public Assistance Authority for expectant and nursing mothers or infants, being members of families in receipt of public assistance.

Throughout the year the Joint Council of Midwifery's scheme provided by the National Birthday Trust Fund by grants from the Commissioner for the Special Areas, was available, and 167 expectant mothers received sterilised dressings, and a weekly ante-natal supply of foodstuffs, which was continued for one month after confinement.

MIDWIFERY AND MATERNITY SERVICE.

The Northumberland County Council provide a salaried domiciliary midwifery service for the area, in addition to which the Local Authority also provides a free ante and post natal medical supervision to all expectant mothers in the Borough from a panel of local practitioners.

As well as the obligation on the part of a midwife to call in medical help at the cost of the Supervising Authority for either the mother or infant child, the Local Authority also afford specialist consultation or assistance for any ante, intra or post natal condition considered necessary, whilst besides the provision of two maternity hospitals in the Borough and arrangement with the Princess Mary Maternity Hospital, Newcastle, for admission of urgent and difficult cases, the latter hospitals' emergency specialist squad is available for immediately urgent domiciliary confinement cases.

Further, in addition to free sterilized maternity outfits to all necessitous expectant mothers, also free home helps when necessary are supplied at the cost of the Local Authority, whose Health Visitors after the lying-in-period make repeated domiciliary welfare visits, and keep the mother and infant under observation, besides which the services of the Welfare Centres are available for medical advice, food stuffs, etc.

During the year £66 0s. 0d. was paid to midwives and hospitals in respect of necessitous confinement cases, and £22 12s. 0d. for specialist services.

UNMARRIED MOTHERS, ILLEGITIMATE INFANTS AND HOMELESS CHILDREN.

The Wallsend Branch of the Newcastle Diocesan Association for Rescue in charge of Miss Gard with a shelter at 66 Park Road, Wallsend, continues to afford valuable assistance in the protection and welfare of unmarried mothers, illegitimate infants and homeless children. The association, besides assisting in securing affiliation orders and situations for mothers, also assists in securing admission to maternity homes and homes for infants.

During the year 1938 the following cases were assisted :—

Unmarried Mothers :

- 5 cases were investigated and assisted.
- 3 were found places in homes.
- 2 staying with parents were assisted.

Illegitimate Children :

- 5 cases were investigated, of whom
- 1 was found admission to nursery schools outside the district,
- 2 were secured a foster mother whilst the mother was employed,
- 2 were looked after by relatives whilst the parent was employed.

SANITARY CIRCUMSTANCES OF THE AREA

WATER.

A plentiful and wholesome water supply throughout the whole area is maintained by the Newcastle & Gateshead Water Company.

The service is adequate and satisfactory and regular chemical and bacteriological tests are made to ensure the maintenance of a high standard.

The Company invariably readily investigate any complaint and effect a remedy.

To conserve the pure domestic supply, in summer time water is available from other sources for industrial use, street watering, etc.

A sample of water submitted to the Public Analyst, Newcastle, for chemical analysis in December, gave the following result :—

	<i>Parts per</i> 100,000
Total solid matters in solution dried at 100°C. ...	26.000
Chlorine existing as chlorides	1.775
Ammonia	0.003
Albuminoid ammonia	0.009
Nitrogen existing as nitrates	0.033
Oxygen absorbed in 15 minutes at 25°C.	0.084
Oxygen absorbed in 4 hours at 25°C.	0.161
Lead and other poisonous metals	None
Hardness before boiling Dr. Clark's scale	21.0°
„ after boiling 1 hr. „ „	6.6°
(1°=1 part of calcium carbonate per 100,000).	
Appearance in two foot tube ...	Greenish yellow and clear.
Smell when warmed	None.
Microscopical examination of sediment ...	Satisfactory."

A sample of water submitted to the Public Health Laboratory of the University of Durham for bacteriological examination gave the following result :—

Coli-aerogenes test, "Presumptive coli."

Total number of B. coli per 100 ml. = 1.

Total colonies developing on Agar at 37° C. (48 hours' incubation)
per ml. = 14 approx.

Total colonies developing on Agar at 20-22°C. (3 days' incubation)
per ml. = 50 approx.

Streptococci Test — Negative.

DRAINAGE AND SEWERAGE

During the year, new sewers were constructed by the Corporation in the development of their Westmoreland Farm and Bewicke Estates and also by private enterprise in connection with Station Road, King's Road, Low Willington Farm, Archer Street and St. Peter's Road Estates.

RIVERS AND STREAMS

The *ad hoc* Committee of representatives from each Tyneside local Authority continue to deliberate on dealing with pollution of the River Tyne and have requested the Ministry of Health to defer to more suitable times in the future, the works recommended in the two unanimous Reports to the Special Commissioners.

CLOSET ACCOMMODATION.

The following statement shows the existing sanitary accommodation in the district :—

No. of Dry Ashpits in the district	...	...	3
No. of Privy Ashpits in the district	...	...	6
No. of Cell Privies in the district	...	...	13
No. of Water Closets in the district	...	...	12,209
No. of Ash Receptacles in the district	...	...	13,614

The few dry ashpits, privy ashpits and cell privies which now remain are wholly confined to outlying farm properties where sewage facilities are not available.

PUBLIC CLEANSING

Public cleansing of the Borough is carried out by the Cleansing and Transport Department under the direction of Mr. William Johnson, Public Cleansing Officer.

House and Trade Refuse Collection.—The collection of house refuse is made once weekly from dwelling houses and is carried out during the day by four low-loading S.D. Freighters fitted with sliding covers to ensure dustless loading.

A nominal charge of 5/- is made for the collection of trade refuse.

House and Trade Refuse Disposal.—All refuse continues to be disposed of by controlled tipping in accordance with the Ministry of Health's precautions for tipping.

Street Cleansing.—The borough is divided into districts, each of which is allocated to a sweeper, who is provided with a steel collecting truck.

A motor sweeping and collecting machine is used for street sweeping.

Systematic gully cleansing and sewer flushing is carried out in a most efficient manner by a Dennis gully emptier of 750 gallons capacity. This machine also carried out street watering and washing when required.

SANITARY INSPECTOR'S REPORT.

SANITARY INSPECTION OF THE AREA.

Removal of Nuisances.—The various nuisances and other similar conditions dealt with under the Public Health Acts are set out in the following table :—

	Informal Notices.		Statutory Notices.	
	Nuisances	Nuisances Abated.	Nuisances	Nuisances Abated.
Animals improperly kept	7	7	—	—
Ash Receptacles, to provide	177	159	88	80
Drains defective, to repair	20	20	—	—
Drains choked, to cleanse	495	475	—	—
Dirty houses, to cleanse... ..	12	12	—	—
Dirty yards, to cleanse	6	6	—	—
Limewash, passages and staircases	4	4	—	—
Limewash, slaughter houses	33	33	—	—
Limewash, cowsheds	16	16	—	—
Offensive accumulations, to remove	18	18	—	—
Roofs, to repair	4	4	—	—
Rat infested premises	152	148	—	—
Scullery bench, to repair	2	2	—	—
Spouting, to repair	8	8	—	—
Vermin infested houses	39	39	—	—
Water closet fittings (basins, etc. def.)... ..	14	14	—	—
Water closets, to cleanse	52	52	—	—
Water supply, to provide	15	15	—	—
Number of Nuisances	1074	1032	88	80

During the year, 919 informal notices were served and 870 received attention. The remaining notices which had not become operative at the end of the year were subsequently complied with.

88 statutory notices were served and 80 received attention. The 8 statutory notices not complied with related to the provision of ashbins. Ashbins were provided by the Town Council in default and the cost recovered from the owners.

HOUSING ACTS, 1930 to 1936.

SECTION 11, HOUSING ACT, 1936.

412 informal notices were served relating to 1876 defects on owners of properties under the Housing Acts. 379 informal notices relating to 1,433 defects were complied with.

113 statutory notices relating to 572 defects were served.

54 statutory notices relating to 281 defects received attention

33 informal notices and 59 statutory notices remained outstanding at the end of the year.

In addition 30 outstanding notices from the previous year relating to 352 defects were complied with, together with 36 statutory notices.

Action was taken by the Town Council in four instances where the owner of property failed to comply with statutory notices served within the period stated in the notice.

The cost of the works is being recovered from the owners.

The following statement shows the number of notices served and defects dealt with :-

	Informal Notices.		Statutory Notices.	
	Defects Discovered	Defects Remedied	Defects Discovered	Defects Remedied
Ashbin, to provide	7	7	1	1
Bath, to provide	16	14	2	1
Ceilings, to repair	18	16	14	3
Chimneys, to repair or re-build ...	30	25	42	29
Doors, to repair	204	164	49	24
Drains defective, to repair or reconstruct	20	18	2	1
Fireplaces (fire bars, etc.) to repair ...	16	14	2	1
Fireplaces (brickwork) to repair ...	116	79	39	1
Floors, to repair or ventilate	161	121	42	12
Outbuildings, to repair	207	159	49	33
Ovens, to repair or renew	35	33	10	6
Range kitchen, to repair	53	51	15	11
Roofs, to repair	137	97	41	26
Scullery sinks, to repair	10	8	5	2
Scullery bench, to repair	16	14	3	1
Scullery sink trap, to repair	29	27	12	10
Set pot (fire grate) to repair or renew...	28	26	14	8
Spouting, to repair	101	60	42	20
Stairs (internal) to repair	12	10	5	3
Stairs (external) to repair or renew ...	20	18	3	2
Staircases, to cleanse	3	3	2	2
Walls (external) to repair	170	127	49	23
Walls (internal) to repair	141	102	38	24
Washhouse set-pots, to renew	10	8	5	1
Water closet fittings (basins, etc., def.)	26	24	6	6
Windows (woodwork), to repair	61	44	26	8
Windows (sashcords), to renew... ..	155	113	39	12
Yard surface, to repair	74	51	15	10
Total number of defects... ..	1876	1433	572	281
Total number of notices... ..	412	379	113	54

THE RENT AND MORTGAGE INTEREST (RESTRICTIONS) ACTS, 1920 TO 1933.

During the year there were no applications for certificates under Section 2, Sub Section 2 of the Increase of Rent and Mortgage Interest (Restrictions) Act, 1920, or Section 12 of the Rent and Mortgage Interest Restrictions (Amendment) Act, 1933.

PREMISES AND OCCUPATIONS CONTROLLED BY BYE-LAWS AND REGULATIONS.

Number of Slaughter Houses	...	...	12
Number of Cowsheds	...	...	9
Number of Fried Fish Shops	...	...	48
Number of Common Lodging Houses	...	...	Nil.
Number of Houses Let in Lodgings	...	...	Nil.

Fish Frying.—The trade of fish frying is controlled by Bye-laws approved by the Ministry of Health on 25th January, 1921, in pursuance of Section 51, Public Health Acts (Amendment Act), 1907.

A new series of Byelaws will shortly be made in pursuance of the provisions of Section 108, Public Health Act, 1936.

Three applications for permission to commence the business of fish frying were not granted.

COMMON LODGING HOUSE.

Since 1934, when the last common lodging house was closed, there has been no common lodging house in the borough.

RAG FLOCK ACTS, 1911 and 1928.

There are no premises on which rag flock is manufactured or sold as such, in the Borough.

SHOPS

In connection with the provisions of the Shops Act, 1934, 292 inspections have been made during the year.

Notices to provide proper ventilation and heating of shops and adequate sanitary accommodation and washing facilities for employees have been served.

SMOKE ABATEMENT

The atmospheric pollution record table which follows, shows the yearly pollution of the atmosphere which occurs. The slight increase compared with last year's record is attributable to increased industrial activity. Observations continue to be kept and warning notices are issued to offenders, whilst officials are always ready to render assistance in matters dealing with smoke abatement.

ATMOSPHERIC POLLUTION RECORD, 1938. RECTORY GROUNDS.

MONTH	RAIN (INS.)	ENGLISH TONS OF DEPOSIT PER SQUARE MILE PER MONTH.										Sulphate as SO ₃ .	Chlorine as Cl.	Ammonia as N.H. ₃	Lime as Ca. O.	Free Acid Calc. as H ₂ SO ₄	p.H. value of Liquid.
		UNDISSOLVED MATTER.				DISSOLVED MATTER.			Total Solids Collected.								
		Tar.	Other Carbon- aceous.	Ash.	Total	Loss on Ignition.	Ash.	Total.									
January ...	0.96	0.38	2.14	5.63	8.15	0.24	4.73	4.97	0.93	1.14	0.07	0.73	—	6.0			
February ...	0.79	0.14	1.90	4.21	6.25	1.45	3.32	4.77	1.00	1.83	0.07	0.17	—	5.5			
March ...	0.27	0.17	2.35	4.77	7.29	1.73	1.73	3.46	1.00	0.38	0.03	0.48	—	7.5			
April ...	0.16	0.41	0.97	2.35	3.73	0.62	0.66	1.28	0.38	0.35	0.03	0.45	—	8.0			
May ...	4.69	0.21	3.00	3.04	6.25	6.67	3.66	10.33	2.49	1.93	0.45	0.76	0.97	—			
June ...	2.40	0.35	5.46	5.98	11.79	1.87	3.11	4.98	1.38	0.76	0.17	0.66	—	6.0			
July ...	1.60	2.32	10.19	18.90	31.41	4.35	25.28	29.63	13.16	1.38	0.73	8.36	—	8.0			
August ...	2.08	0.28	1.00	3.56	4.84	2.14	4.60	6.74	1.55	0.59	0.14	0.45	—	6.0			
September ...	2.66	0.24	3.25	3.83	7.32	4.49	4.49	8.98	2.38	1.11	0.10	0.41	—	5.5			
October ...	2.66	0.14	2.35	4.01	6.50	1.73	1.73	3.46	2.49	1.10	0.17	0.28	—	5.5			
November ...	2.13	0.97	3.73	6.53	11.23	1.66	4.14	5.80	1.69	1.07	0.14	0.55	—	5.5			
December ...	3.73	0.21	1.52	4.56	6.29	4.35	6.77	11.12	2.00	3.42	0.14	0.59	—	5.5			
Total for 12 months ...	24.13	5.82	37.86	67.37	111.05	31.30	64.22	95.52	30.45	15.06	2.24	13.89		69.0			
Average per month ...	2.01	0.43	3.15	5.61	9.25	2.60	5.18	7.96	2.54	1.25	0.18	1.15		6.2			

PUBLIC BATHS

The Corporation provide a public swimming bath available for the public from April to October, during which time it is largely attended by swimmers of both sexes with special sessions for male, female, and mixed bathers. The water is heated and maintained at a temperature of 74-76 dgs. Fah., and a continuous aeration filtration and chlorination is maintained, so that there is a complete change over of the water every eight hours. The bath water is tested thrice daily and chlorine regulated to maintain the standard of sterilization.

Royles special chlorine apparatus is installed and chlorine is maintained at a standard of 0.2 to 0.5 parts per million of the water which is the sterilization standard recommended by the Ministry of Health.

The following bacteriological report from the County Laboratory, Newburn, on a sample of the water taken in October shewed :

Number of colonies per ml. of water :—				
developing at 37°C.	...	...	...	7240
„ 22° C.	...	...	...	23800
Probable number of Coli-Aerogenes				
organisms per 100 ml. of water				Nil.

SCHOOLS

No infectious disease became epidemic during the year, hence it was not necessary to adopt closure of any school or department to prevent spread of infection.

Contacts from infected homes are excluded from school for the incubation period and not re-admitted till medically examined and certified fit for school.

During school holidays the Elementary Schools are disinfected as well, as particular schools, class rooms, or departments when infectious diseases occur amongst the scholars.

The Local Education Authority's attention is again drawn to the obsolete sanitary services which still exist at some of the older schools, which service should be replaced by modern installations.

DISINFECTION.

In every case of infectious disease disinfection of the premises is carried out. Infected clothing, bedding, etc., is removed in a motor van for disinfection to the Disinfecting Station, Town Hall, Wallsend, where a Velox Steam Disinfector is installed.

During the year, disinfection of premises was carried out as under :—

Scarlet Fever	...	...	...	...	272
Diphtheria	...	...	...	...	133
Enteric Fever	...	...	...	...	11
Erysipelas	...	...	...	...	29
Suspected Cerebro Spinal Meningitis	...	...	...	...	1
Tuberculosis	...	...	...	...	171
					<hr/>
					617
					<hr/>

Disinfection of Library Books.—All library books are removed from infected households for disinfection. During the year, 139 books have been disinfected, 126 of which were from the Public Library.

DISINFESTATION.

Eradication of Bugs.—The number of houses infested with bugs reported during the year were as follows :—

			<i>Infested.</i>	<i>Disinfested.</i>
Council Houses	...	...	15	15
Other Houses	...	...	58	58
			<hr/>	<hr/>
			73	73
			<hr/>	<hr/>

Methods employed in Disinfestation.—Bug infested houses are treated with Zaldecide with fairly satisfactory results.

The chief difficulty to be contended with is the destruction of the eggs and in some instances it has been found necessary to destroy skirting boards, picture rails, etc., where the premises are grossly infested.

Owing to the difficulty of providing accommodation for the displaced tenants it was found impracticable to use hydrogen cyanide.

Removal of Slum Clearance Tenants.—All furniture and bedding from condemned houses under the Housing Acts are treated with hydrogen cyanide in the removal vans during transit when the tenants are being re-housed.

The furniture and bedding from 41 houses was dealt with during the year, and the work was carried out by contract.

HOUSING STATISTICS FOR THE YEAR 1938.

NEW HOUSES ERECTED : 662.

1—INSPECTION OF DWELLING HOUSES DURING THE YEAR.

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	...	...	...	...	...	...	1319
	(b)	Number of Inspections made for the purpose...							5162
(2)		Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	...	...	...	...	...	...	256
	(b)	Number of inspections made for the purpose...							733

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...	394
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...	135

2—REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers ...	697
---	-----

3—ACTION UNDER STATUTORY POWERS DURING THE YEAR.

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :-

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ...	135
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By owner ...	113
(b) By Local Authority in default of owners ...	4

B.—Proceedings under Public Health Acts—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	88
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a) By owner ...	80
(b) By Local Authority in default of owners ...	8

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which Demolition Orders were made ...	8
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders ...	—

D.—Proceedings under Section 12 of the Housing Act, 1936 :

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ...	—

HOUSING ACT, 1936, PART IV—OVERCROWDING.

(a) (i) Number of dwellings overcrowded at the end of the year	...	...	...	...	1386
(ii) Number of families dwelling therein	...	...	...	...	1392
(iii) Number of persons dwelling therein	...	...	...	...	7965
(b) Number of new cases of overcrowding reported during the year	...	...	...	...	29
(c) (i) Number of cases of overcrowding relieved during the year	...	...	...	...	65
(ii) Number of persons concerned in such cases	...	...	...	...	448

The number of cases of overcrowding relieved during the year were families removed from slum clearance areas.

The Local Authority's scheme to build larger houses to relieve overcrowding has been kept in abeyance till completion of the slum clearance programme which should be fulfilled during the forthcoming year so that in the meantime only slight progress has been made regarding overcrowding.

HOUSING ACT, 1936.

SLUM CLEARANCE PROGRAMME.

The following table shews action taken in connection with the Slum Clearance Programmes (1933/1934), submitted to the Ministry of Health.

NUMBER OF HOUSES INCLUDED IN THE TOTAL PROGRAMMES.	HOUSES DEALT WITH IN CLEARANCE AREAS.	HOUSES DEALT WITH UNDER PART II OF THE ACT, INCLUDING HOUSES IN IMPROVEMENT AREAS.	TOTAL.
(1) which have been demolished ...	345	226	571
(2) which have been made fit ...	—	—	—
(3) which have been put out of use for human habitation (including parts of buildings closed) and are <i>not</i> to be demolished ...	13	11	24
(4) which are not accounted for in Items 1 to 3 but in respect of which no further action is required ...	—	—	—
(5) Total of Items 1 to 4 ...	358	237	595
(6) in respect of which action is necessary but was not completed by December 31st, 1938... ..	...	...	420
(7) Total of Items 5 and 6 ... ..	...	...	1015

CLEARANCE AREAS.

A Public Inquiry was held by the Ministry of Health on the 15th November, 1938, in respect of the following Clearance Areas :

SLUM CLEARANCE, 1938.

Statement showing the number of Houses and other Buildings in Clearance Areas.

CLEARANCE AREA	NUMBER OF									
	Houses let in tenements	Tenements	Houses let in flats	Flats	Separate houses	Caravans	OTHER BUILDINGS.			
							Shops	Banks	Post Office	Dental Surgery
Wallsend (Turners Building (Clearance Area No. 13	—	—	1	2	2	—	—	—	—	—
Wallsend (Hedley Street) Clearance Area No. 14	2	6	—	—	7	—	11	—	—	—
Wallsend (Glovers Row) Clearance Area No. 15	10	40	—	—	—	—	1	—	—	—
Wallsend (Lead Works Cottages) Clearance Area No. 16	—	—	—	—	2	—	—	—	—	—
Wallsend (Buddle Street) Clearance Area No. 17	14	42	1	2	2	—	—	—	—	—
Wallsend (Potter Street) Clearance Area No. 18	49	205	1	4	5	—	25	2	1	1
Wallsend (Stephenson Street) Clearance Area No. 19	2	18	—	—	1	—	—	—	—	—
Wallsend (Tyne Street) Clearance Area No. 20	4	22	—	—	—	—	1	—	—	—
Wallsend (Main Street) Clearance Area No. 21	—	—	—	—	4	—	—	—	—	—
Wallsend (Battle Hill) Clearance Area No. 22	—	—	—	—	4	—	—	—	—	—
Wallsend (Carlyle Street) Clearance Area No. 23	—	—	2	4	—	—	—	—	—	—
Wallsend (Palmers Terrace) Clearance Area No. 24	9	32	—	—	—	—	—	—	—	—
Wallsend (Bigges Main) Clearance Area No. 25	—	—	—	—	—	3	—	—	—	—
Wallsend (Willington Nurseries) Clearance Area No. 26	—	—	—	—	2	—	—	—	—	—
TOTALS	90	365	5	12	29	3	38	2	1	1

Arrangements have been made with the North Eastern Housing Association Limited for the erection of the following houses to re-house displaced tenants from Slum Clearance Areas and individual unfit houses :-

SITE	TYPE					TOTAL
	2 roomed Bungalows	2 bed- roomed	3 bed- roomed	4 bed- roomed	5 bed- roomed	
Westmoreland Estate ...	—	54	42	18	8	122
Archer Street Estate ...	16	68	40	16	2	142
Low Willington Estate ...	16	66	40	20	—	142
TOTALS ...	32	188	122	54	10	406

161 houses were completed at the end of the year.

HOUSES ERECTED FROM 1921 TO 1938.

The following Table supplied by the Borough Surveyor shews the number of houses built in the Borough from January 1st, 1921, to December 31st, 1938.

YEAR	PRIVATE ENTERPRISE	BUILT BY CORPORATION	NORTH EASTERN HOUSING ASSOCIATION	NO. OF ROOMS							TOTAL
				2	3	4	5	6	7	8	
1921	1	—	—	—	—	1	—	—	—	—	1
1922	—	182	—	—	—	118	64	—	—	—	182
1923	14	— 24	—	—	—	10 24	4	—	—	—	38
1924	17	— 36	—	—	—	2 36	15	—	—	—	53
1925	80	— 120	—	—	1	31 120	47	—	—	1	200
1926	33	— 350	—	—	—	18 216	15	—	—	—	383
1927	57	— 294	—	—	1 182	30 92	26	—	—	—	351
1928	17	— 32	—	—	—	6 20	11	—	—	—	49
1929	56	—	—	—	—	20	36	—	—	—	56
1930	18	— 40	—	—	—	—	17	1	—	—	58

HOUSES ERECTED FROM 1921 TO 1938—(Continued).

YEAR	PRIVATE ENTERPRISE	BUILT BY CORPORATION	NORTH EAST HOUSING ASSOCIATION	NO. OF ROOMS							TOTAL
				2	3	4	5	6	7	8	
1931	57 —	— 10	— —	— —	— 10	10 —	46 —	1 —	— —	— —	67
1932	19 —	— 112	— —	— —	— 90	1 22	17 —	1 —	— —	— —	131
1933	117 —	— 188	— —	— 8	12 156	34 24	69 —	— —	— —	2 —	305
1934	314 —	— 174	— —	— 24	100 48	183 102	31 —	— —	— —	— —	488
1935	358 —	— 104	— —	— —	209 30	116 74	32 —	— —	1 —	— —	462
1936	244 —	— 95	— —	— 27	117 40	86 14	41 14	— —	— —	— —	339
1937	194 —	— 331	— —	— 77	121 152	51 72	22 30	— —	— —	— —	525
1938	— — 475	— 26 —	161 — —	14 — 3	56 4 429	56 20 32	26 2 11	— — —	9 — —	— — —	662
TOTAL ...	2071	2118	161	185	1932	1641	576	3	10	3	4350

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

MILK AND DAIRIES ORDER, 1926.

The following is a summary of the Milk and Dairies Register :

Number of persons registered as Cowkeepers ...	...	9
Number of premises registered as Cowsheds ...	...	9
Number of cows on registered premises (approx.) ...	143	
Number of cowkeepers who are also retailers of milk ...	9	
Number of dairies registered belonging to Cowkeepers .	9	
Number of persons registered as Dairymen ...	...	15
Number of persons registered as retail purveyors of milk residing in the area ...	...	135
Number of persons registered as retail purveyors of milk who reside outside the area ...	...	17

1.—CLEAN MILK PRODUCTION.

Samples of milk taken in the Borough are forwarded to the County Laboratory, Newburn for examination.

The results obtained are set out later in the report.

2.—THE MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

The following licences were issued under the Milk (Special Designations) Order, 1936 :-

- 1 licence issued to bottle Tuberculin Tested Milk.
- 1 licence issued to bottle "Accredited" Milk.
- 2 licences issued to retail Tuberculin Tested Milk.
- 2 supplementary licences issued to retail Tuberculin Tested Milk.
- 7 licences issued to retail "Pasteurised" Milk.
- 1 supplementary licence issued to retail "Accredited" Milk.

Two of our largest milk producers are licensed by the North-umberland County Council to produce "Accredited" Milk.

3.—SANITARY CONDITION OF COWSHEDS AND DAIRIES.

Cowsheds and dairies in the Borough are periodically inspected.

16 notices served to limewash and disinfect cowsheds received attention.

During the year, a cowbyre at Willington has been demolished. Owing to land being sold for building purposes, cowbyres at East Farm and Low Willington Farm will shortly be demolished.

Structural alterations were carried out at a dairy producing "Accredited" Milk including the provision of additional sterilising apparatus.

4.—APPLICATIONS FOR REGISTRATION AS RETAIL PURVEYORS OF MILK.

3 applications received for permission to carry on the trade of a retail purveyor of milk were granted for the sale of bottled milk only from shop premises.

CLEANLINESS OF MILK CHURNS.

447 empty milk churns were examined at the local railway stations, and 4 were found to be in a dirty condition. Notice was forwarded to the owners warning them against infringing the provisions of the Milk and Dairies Orders.

In addition, three churns were condemned as being unfit for the transport of milk, and were withdrawn from circulation after notice being served on the owners.

BACTERIAL EXAMINATION OF MILK.

(a) *Tubercle Bacilli.*

Three bulk samples of milk were taken during the year for examination as to the presence of tubercle bacilli and a negative result was obtained in each instance.

(b) *Methylene Blue and Coliform Tests.*

The following table shows the results of examination of milk samples.

	METHYLENE BLUE TEST	COLIFORM TEST	
	REDUCTION TIME IN HOURS "S" = SATISFIED THE TEST	NO. OF TUBES OF 0.01 ML. SHOWING PRESENCE OF COLIFORM BACILLI	"S" = SATISFIED THE TEST
1	5	Three	
2	4½	Three	
3	3½	Nil.	"S"
4	3½	Three	
5	4½	Nil.	"S"
6	"S"	Three	
7	3	Two	
8	4½	Three	
9	"S"	Three	
10	"S"	Nil.	"S"
11	"S"	Three	
12	"S"	Three	
13	"S"	One	"S"
14	"S"	Nil.	"S"
15	"S"	Nil.	"S"
16	"S"	Nil.	"S"
17	"S"	One	"S"
18	"S"	Nil.	"S"
19	5½	Nil.	"S"
20	"S"	Nil.	"S"
21	"S"	Nil.	"S"
22	"S"	Nil.	"S"
23	"S"	One	"S"
24	"S"	Nil.	"S"
25	"S"	Nil.	"S"
26	"S"	Nil.	"S"

19 samples satisfied the Methylene Blue Test and 17 satisfied the Coliform Test. Copies of the unsatisfactory reports are forwarded to the local retailers and also the Health Officials of the area where the milk is produced.

THE MILK (SPECIAL DESIGNATIONS) ORDERS, 1936 AND 1938

The following samples of milk were examined :

Tuberculin Tested Milk.

One sample of Tuberculin Tested Milk was examined and satisfied the Methylene Blue Test but not the Coliform Test.

Accredited Milk.

Two samples of Accredited Milk were examined and both satisfied the Methylene Blue Test but only one the Coliform Test.

Pasteurised Milk.

Six samples of Pasteurised Milk were examined and five satisfied the prescribed Test.

A sample of "Sterilized" Milk examined was found to be satisfactory.

(c) MEAT AND OTHER FOODS. SLAUGHTERHOUSES.

There are 10 licensed slaughterhouses and one registered slaughterhouse in the Borough.

Slaughterhouses are inspected during slaughtering and the following table shews the number of carcasses inspected and condemned during the year.

	Cattle excl'g. Cows	Cows	Calves	Sheep and Lambs	Pigs
Number Killed (if known)	736	—	10	3526	1327
Number Inspected	671	—	10	3215	1209
All diseases except Tuberculosis Whole carcasses condemned	—	—	—	—	5
Carcasses of which some part or organ was condemned	18	—	—	2	—
Percentage of the number inspected affected with disease other than Tuberculosis ... ..	.27	—	—	.006	.41
Tuberculosis only Whole carcasses condemned	3	—	—	—	—
Carcasses of which some part or organ was condemned	2	—	—	—	10
Percentage of the number inspected affected with Tuberculosis ... ..	.07	—	—	—	.09

Diseased carcasses are destroyed at the premises of an Artificial Manure Manufacturer, Newcastle.

The following unwholesome foodstuffs were condemned and destroyed during the year.

	Cwt.	St.
Fish	2	1
Fruit	3	1
Provisions (bacon, tinned meat, etc.) ...	1	2

THE PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

The provisions of the Public Health (Meat) Regulations, 1924, have been generally observed. Arrangements are made with slaughterers to arrange regular slaughtering hours to enable adequate inspection of carcasses and internal organs.

In cases of emergency slaughter on farms, etc., immediate notification is required to enable proper inspection to be carried out.

SHOPS AND STORES.

Shops and stores where meat is exposed for sale or prepared for sale, are inspected, and any infringement for limewashing and general cleanliness of the premises and articles used therein are brought to the notices of the occupiers.

Six notices served on occupiers of shops to limewash and cleanse the premises were complied with.

TRANSPORT AND HANDLING OF MEAT.

Three warning notices served regarding insufficient covering of meat during transit received attention.

THE SLAUGHTER OF ANIMALS ACT, 1933

The provisions of the above Act have been strictly observed in the Borough, and licences were granted to 38 slaughtermen during the year.

(c) ADULTERATION, ETC.

Action taken under the Food and Drugs (Adulteration) Act, 1928, the Artificial Cream Act, 1929, the Public Health (Condensed Milk) Regulations, 1923 and 1927, the Public Health (Dried Milk) Regulations, 1923 and 1927, and the Public Health (Preservatives, &c., in Food) Regulations, 1925 and 1927.

The above are administered by the Weights and Measures Department of the Northumberland County Council, and I am indebted to the Chief Inspector of that Department for the following statement showing the number, nature of samples, and action taken during the year :-

ARTICLE.	No. OF SAMPLES	GENUINE	NOT GENUINE.	REMARKS.
Apricots (dried) ...	1	1		
Blackcurrant and Apple Jam ...	1	1		
Butter ...	1	1		
Beef Sausage ...	2	2		
Beer ...	1	1		
Black Pudding ...	1	1		
Bacon ...	1	1		
Baking Powder ...	1	1		
Cheshire Cheese ...	2	2		
Custard Powder ...	2	2		
Cooked Ham ...	1	1		
Chocolate Eclairs ...	1	1		
Condensed Milk ...	1	1		
Cheddar Cheese ...	4	4		
Demerara Sugar ...	1	1		
Flour ...	1	1		
Ground Ginger ...	1	1		
Ground Rice ...	1	1		
Ground Almonds ...	3	3		
Ginger Sponge Mixture ...	1	1		
Lard ...	1	1		
Lemon Curd ...	1	1		
Mincemeat ...	1	1		
Margarine ...	2	2		
Mild Ale ...	1	1		
Milk ...	40	40		
Nut Marzipan ...	1	1		
Natural Grape Fruit Juice ...	1	—	1	Does not contain more than 20% of Grape Fruit Juice. Cane sugar had been added. Manufacturers fined £1 and £1 1s. 0d. costs.
Orange Juice ...	1	—	1	Does not contain more than 25% of Orange Juice. Cane sugar had been added. Manufacturers fined £1 and £1 1s. 0d. costs.
Pease Pudding ...	1	1		
Paregoric ...	1	1		
Pepper ...	2	2		
Rice ...	1	1		
Swiss Chocolate Roll ...	1	1		
Shredded Beef Suet ...	2	2		
Tea ...	2	2		
Tinned Cream ...	1	1		
Tinned Peas ...	1	1		
Whisky ...	1	1		
White Pudding ...	1	1		
TOTALS ...	91	89	2	

No individual samples of artificial cream were taken, but cakes sold as containing fresh cream were taken to ascertain whether the description was correct with reference to the cream.

Purchases of condensed milk were made to see that the labels attached complied with the Regulations. No samples of dried milk have been taken.

All samples have been examined with regard to the requirements of the Preservative Regulations.

DISEASES OF ANIMALS ACTS · THE AGRICULTURE ACT, 1937

Part IV of the above Act came into operation of the 1st April, 1938. A centralised veterinary service has been established and the following veterinary duties have been transferred from local authorities to the Ministry of Agriculture and Fisheries.

(i) Diagnostic enquiries into any of the diseases of animals (including tuberculosis) scheduled under the Diseases of Animals Acts. The administration of the whole of the Tuberculosis Order has also been transferred to the Ministry.

(ii) The veterinary inspection of markets when and where required.

(iii) Routine veterinary inspection of dairy herds.

(iv) Examination of cattle by a veterinary inspector on receipt of a notification from a Medical Officer of Health that tuberculosis is caused or likely to be caused by the consumption of milk from the herd.

(v) Tuberculin testing and inspection of cattle for the purpose of the Milk (Special Designations) Orders.

Local Authorities, however, retain important powers and duties under the Diseases of Animals Acts and the promulgation of the Ministry's Orders.

SWINE FEVER

One suspected case of swine fever was reported during the year, but on investigation by the Ministry of Agriculture's Veterinary Inspector, the disease was not confirmed.

FOOT AND MOUTH DISEASE

No case of Foot and Mouth Disease occurred.

FOREIGN ANIMALS ORDER OF 1910

No action was taken under the Foreign Animals Order of 1910.

MISCELLANEOUS.

SANITARY CONDITION OF THEATRES, MUSIC HALLS, ETC.

In accordance with instructions of the Ministry of Health, contained in Circular 120, dated August 25th, 1920, relating to the sanitary condition of theatres, music halls, etc., periodic inspections were made and certificates issued regarding sanitary accommodation, proper ventilation and cleanliness.

RATS AND MICE (DESTRUCTION) ACT, 1919.

An expert rat catcher is employed by the Town Council and during the year 148 rat infested premises have been cleared.

A special effort was again organised during National Rat Week, with the assistance of owners of factories, farms, etc.

Poisonous baits were laid in the sewers and structural alterations carried out to rat infested premises where necessary.

SHOPS ACTS 1912 TO 1934.

The following Regulations are in force in the Borough relating to the Shops Act :—

The Wallsend Barbers Closing Order, 1906.

The Wallsend (General) Weekly Half Holiday Order, 1912.

The Wallsend Ironmongers and Hardwaremen Closing Order, 1912.

The Fish and Poultry Dealers Weekly Half Holiday Order, 1912.

The Wallsend Butchers Shops Closing and Weekly Half Holiday (Extension) Order, 1920.

The Wallsend Tobacconists (Hours of Closing) Order, 1928.

The Wallsend Shops (Sunday Trading Restriction Act, 1936) Partial Exemption Order, 1938.

SHOPS ACT, 1934.

The above Act contains important provisions regulating the employment of young persons under the age of 18 years, and also deals with the provision of adequate sanitary conveniences ; suitable and sufficient lighting and ventilation of shops ; and suitable and sufficient washing facilities.

292 inspections have been made and notices served where necessary.

PETROLEUM ACTS.

THE PETROLEUM (CONSOLIDATED) REGULATIONS, 1928.

The following stores are licensed under the Petroleum Acts :—

Petrol Stores	...	...	...	33
Carbide of Calcium Stores	...	...	...	5
				—
				38
				==

The premises are periodically inspected, and any infringement of the Petroleum Acts is brought to the notice of the occupiers.

Licences are renewed each year by the Local Authority.

NEW DRAINS.

23,597 feet of new drains have been examined and approved during the year.

FACTORIES ACT, 1937

The above Act came into operation on the 1st July, 1938. Copies of the Guide to the Factories Act, 1937, and the Home Office Welfare Pamphlet No. 8 were forwarded to all the large industries in the Borough.

Additional sanitary accommodation at several local factories has been provided and plans have been submitted for other improvements to be carried out during next year.

There are 70 registered factories in the Borough.

OUTWORKERS.

Notice was received from the Newcastle Authority regarding an outworker employed in the Borough.

The premises were inspected and found to be kept in a cleanly condition.

HEALTH PROPAGANDA.

Posters supplied by the Central Council for Health Education are displayed each month on the poster frames previously used by the Empire Marketing Board.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES.

The following is a list of the infectious diseases compulsorily notifiable in the Borough :—

Small-pox, cholera, diphtheria, membranous croup, erysipelas, acute poliomyelitis, cerebro spinal meningitis, ophthalmia neonatorum, puerperal pyrexia, disease known as scarlatina, or scarlet fever, acute polio-encephalitis, encaphalitis lethargica, tuberculosis, (all forms), acute primary pneumonia, acute influenzal pneumonia, (Malaria, dysentery), and the fevers known by any of the following names :—typhus, typhoid, enteric, relapsing, continued or puerperal.

Prevalence.—During the year 1938, there were 670 cases of infectious disease notified as compared with 548 in 1937.

For the table of infectious diseases notified, age and distribution, see Table II of Appendix.

Disease.	Total Cases Notified.	Cases admitted to Hospital.	Total Deaths.
Scarlet Fever	272	260	3
Diphtheria	133	130	5
Typhoid and Para Typhoid Fever	11	11	—
Puerperal Pyrexia	2	—	—
Puerperal Fever	—	—	—
Erysipelas	29	2	—
Pneumonia	121	—	—
Malaria	—	—	—
Dysentery	1	—	—
Encephalitis Lethargica	—	—	—
Ophthalmia Neonatorum	3	—	—
Cerebro Spinal Meningitis	1	1	—
Respiratory Tuberculosis	68	—	—
Other Tuberculous Diseases	29	1	1
Anterior Poliomyelitis	—	—	—
Septicaemia... ..	—	1	—
Suspected Diphtheria	—	5	—

DEATHS FROM INFECTIOUS DISEASES.

CAUSES	Age Periods								Total
	Under 1 yr.	1-2	2-5	5- 15	15- 25	25- 45	45- 65	65 and over	
Scarlet Fever	—	—	3	—	—	—	—	—	3
Diphtheria	—	—	4	2	—	—	—	—	6
Encephalitis Lethargica	—	—	—	—	—	—	—	1	1
Pneumonia	9	1	2	—	1	2	4	5	24
Cerebro Spinal Meningitis	—	—	—	—	—	—	—	—	—

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1938.

Age-Periods.	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female
Under 1 year	1	...	1	...	...	...	...	1
1 to 5 years	1	1	2	3	...	1	...	1
5 to 10 „	5	1	1	1	...	...	...	...
10 to 15 „	3	3	3	2	...	...	2	2
15 to 20 „	12	5	1	5	1	3	1	1
20 to 25 „	5	6	2	2	2	4	...	1
25 to 35 „	3	5	1	4	4	8	1	2
35 to 45 „	5	4	...	...	2	1	...	1
45 to 55 „	5	...	...	1	3	1	...	...
55 to 65 „	2	...	...	...	3	5	...	...
65 and upwards ... ..	...	1	...	...	...	1	...	...
Totals	42	26	11	18	15	24	4	9

There were 6 deaths from tuberculosis in respect of which no notification had been previously received. In addition, there were 3 deaths from tuberculosis of persons belonging to, but residing outside of the Borough.

	Respiratory Tuberculosis					Non-Respiratory Tuberculosis				
	1934	1935	1936	1937	1938	1934	1935	1936	1937	1938
No. of Cases Notified	83	51	66	55	68	35	32	27	20	29
Attack Rate per 1,000 Population ... ..	.19	1.16	1.51	1.25	1.55	.8	.73	.62	.45	.65
No. of Deaths	37	42	44	34	39	16	12	15	17	13
Death Rate per 1,000 Population ... ..	.84	.95	1.00	0.77	.88	.3	.27	.34	0.38	.29

Pulmonary Tuberculosis.—68 new cases were notified during the year, as compared with 55 in the preceding year, whilst there were 39 deaths.

Non-Pulmonary Tuberculosis.—29 new cases were notified, as compared with 20 in 1937. 13 deaths occurred from Non-Pulmonary Tuberculosis, as compared with 17 in the previous year.

Sanatorium Treatment.—During the year 37 cases received sanatorium treatment, whilst 19 other cases were admitted to the Preston Hospital, North Shields.

Statement of particulars appearing in the Register of Notification of cases of tuberculosis for the year 1938:—

	Pulmonary.			Non-Pulmonary.			Pulmonary and Non-Pulmonary. Total.
	Males.	Females.	Total.	Males.	Females.	Total.	
(1) Number of cases of Tuberculosis on the Register at the commencement of the year	110	103	213	47	33	80	293
(2) Number of cases notified under the Regulations of 1930 for the first time during the year	42	26	68	11	18	29	97
(3) Number of cases removed from the Register during the year	25	32	57	16	6	22	79
(4) Number of cases remaining on the Register at the end of the year ...	127	97	224	42	45	87	311

SCARLET FEVER.

	1934.	1935	1936.	1937.	1938.
No. of cases notified	392	226	168	214	272
Attack-rate per 1,000 population	8·9	5·1	3·84	4·89	6·16
No. of Deaths	2	0	0	0	3
Death-rate per 1,000 population	0·04	0	0	0	0·06
Case-mortality rate (per cent.)...	0·51	0	0	0	0·11

DIPHTHERIA AND CROUP.

	1934.	1935.	1936.	1937.	1938.
No. of Cases Notified	34	85	53	78	133
Attack Rate per 1,000 population	0·77	1·9	1·21	1·77	3·02
No. of Deaths	8	2	2	2	6
Death Rate per 1,000 population	0·18	0·04	0·04	0·04	0·1
Case Mortality (per cent.) ...	23·5	2·3	3·5	2·5	4·5

ENTERIC FEVER.

	1934.	1935.	1936.	1937.	1938.
No. of Cases Notified ...	1	10	6	5	11
Attack Rate per 1,000 population	0.02	0.2	0.13	0.11	0.25
No. of Deaths ...	...	...	...	1	4
Death Rate per 1000 population	...	..	...	0.02	0.02

ERYSIPELAS.

	1934.	1935.	1936.	1937.	1938
No. of Cases Notified .	40	28	18	31	29
Attack Rate per 1,000 population	0.9	0.06	0.41	0.7	0.65
No. of Deaths ...	1	...	1	...	1
Death Rate per 1 000 population	0.02	...	0.02	...	0.02
Case Mortality per cent.) ..	3.2	..	5.5	...	3.4

Ward Distribution.—Carville, 3 ; Northumberland, 1 ; Buddle, 7 ; Hadrian, 5 ; Wallsend, 3 ; Holy Cross, 2 ; Willington, 2 ; Willington Quay, 4 ; Howdon, 2.

SMALL-POX.

	1934	1935	1936	1937	1938
No. of Cases Notified
Attack Rate per 1,000 population
No. of Deaths

Primary vaccinations by Public Vaccinator 1923-1938 :-

	No. of Births.	No. of Vaccinations.	Percentage of Vaccinations to Births.
1923 ...	1,211	701	57.9
1924 ...	1,089	672	61.7
1925 ...	1,068	659	61.7
1926 ...	1,029	759	73.7
1927 ...	945	642	67.9
1928 ...	951	566	59.5
1929 ...	900	472	52.4
1930 ...	882	314	35.6
1931 ...	885	514	58.07
1932 ...	759	464	61.0
1923 ...	717	309	43.09
1934 ...	768	339	44.2
1935 ...	711	253	35.3
1936 ...	711	341	47.6
1937 ...	726	324	44.6
1938	736	234	31.8

During 1938, 45 primary vaccinations were carried out by private medical practioners.

CEREBRO SPINAL MENINGITIS.

	1934	1935	1936	1937	1938
No. of Cases Notified	5	...	...	4	1
No. of Deaths	3	1	...	2	...

ENCEPHALITIS LETHARGICA.

	1934	1935	1936	1937	1938
No. of Cases Notified ... ..	...	...	...	...	...
No. of Deaths	2	1	1	4	1

DYSENTERY.

	1934	1935	1936	1937	1938
No. of Cases Notified	4	5	1	2	1
No. of Deaths ... ..	...	...	...	...	...

MALARIA.

	1934	1935	1936	1937	1938
No. of Cases Notified	1*	...	...	...	...
No. of Deaths ... ..	...	...	...	...	...

* Contracted abroad.

PNEUMONIA.

	1934	1935	1936	1937	1938
No. of Cases Notified	142	108	94	129	121
Attack Rate per 1,000 population	3·25	2·4	2·15	2·7	2·75
No. of Deaths	40	26	34	38	24
Death Rate per 1,000 population	0·9	0·5	0·78	0·86	0·54
Case Mortality (per cent.)	28·1	24·4	36·1	29·4	19·8

Of the 121 cases of pneumonia notified 5 were of influenzal pneumonia.

NON-NOTIFIABLE DISEASES.

WHOOPIING COUGH.

The following table shows the deaths and death rates from whooping cough during the last five years:—

	1934	1935	1936	1937	1938
No. of Deaths	3	4	4	2	4
Death Rate per 1,000 population	0·06	0·09	0·09	0·04	0·09

EPIDEMIC DIARRHŒA.

5 deaths occurred from Epidemic Diarrhœa during the year, as compared with 3 in 1937.

The following table shows the number of deaths with corresponding death rates per 1,000 population for the last five years :-

	1934	1935	1936	1937	1938
No. of Deaths (under 2 years) ..	9	1	3	3	5
Death Rate per 1,000 population	0·20	0·02	0·07	0·06	0·11

MEASLES.

The following table shows the deaths and death rates from measles during the last five years :—

	1934	1935	1936	1937	1938
No. of Deaths	8	2	3	1	8
Death Rate per 1,000 population	0·18	0·04	0·07	0·02	0·18

INFLUENZA.

The following table shows the deaths and death rates during the last five years :—

	1934	1935	1936	1937	1938
No. of Deaths	6	6	3	17	2
Death Rate per 1,000 population	0·13	0·13	0·07	0·38	0·04

INFECTIOUS DISEASES HOSPITAL.

DISEASES	NO. OF CASES NOTIFIED	NO. OF CASES ADMITTED TO HOSPITAL	DEATHS
Septicaemia	—	1	—
Scarlet Fever	272	260	3
Diphtheria	133	130	5
Typhoid and Para-Typhoid Fever .	11	11	—
Erysipelas	29	2	—
Cerebro-spinal Meningitis	1	1	—
Suspected Diphtheria	—	5	—
Dysentery	1	—	—
Other Tuberculous Diseases	29	1	1
TOTALS	476	411	9

The above table shews the number of cases of infectious diseases admitted to the Hospital of the New Earsdon Joint Hospital Board, who became responsible for the hospital treatment of infectious diseases on 1st April, 1938.

LABORATORY WORK.

During the year the examination of all bacteriological specimens was undertaken by the Northumberland County Council.

The annexed table shows the nature and number of specimens submitted during the year, together with the results of bacteriological examination.

Disease Suspected.	Medical Practitioner.		Infectious Diseases Hospital.		County Tuberculosis Officer.		Total.		Grand Total.
	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	
Diphtheria ...	79	180	..	1	...	...	79	181	260
Enteric Fever ..	6	5	...	1	...	...	6	6	12
Pulmonary Tuberculosis .	17	70	...	...	26	96	43	166	209
Cerebro Spinal Meningitis ...	...	...	...	...	...	...	...	...	...
Dysentery ...	1	...	...	...	..	...	1	...	1
Other	9	73	...	...	...	...	9	73	82
Totals ...	112	328	...	2	26	96	138	426	564

REPORT ON THE ADMINISTRATION OF THE FACTORY AND WORKSHOP ACT, 1901, AND THE FACTORIES ACT, 1937 (WHICH SUPERSEDED THE ACTS OF 1901 ON 1ST JULY, 1938)

1.—INSPECTIONS for purposes of provisions as to health.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS.

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers prosecuted (4)
Factories with mechanical power ...	32	5	—
Factories without mechanical power ...	151	—	—
*Other Premises under the Act (including works of building and engineering construction but not including out-workers' premises ...)	26	—	—
*x Electrical Stations should be reckoned as factories. Total ...	209	5	—

2.—DEFECTS FOUND.

Particulars (1)	Number of Defects		Referred to H.M. Inspector (4)	Number of defects in respect of which Prosecutions were instituted (5)
	Found (2)	Remedied (3)		
Want of cleanliness (S. 1)	3	3	—	—
Overcrowding (S. 2)	—	—	—	—
Unreasonable temperature (S. 3) ...	—	—	—	—
Inadequate ventilation (S. 4) ...	—	—	—	—
Ineffective drainage of floors (S. 6)...	—	—	—	—
Sanitary {insufficient	1	—	—	—
Conveniences {unsuitable or defective	1	1	—	—
(S. 7) {not separate for sexes	—	—	—	—
Other offences	—	—	—	—
(Not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937).				
TOTAL ...	5	4	—	—

APPENDIX TABLES,
I. to VIII.

TABLE I.

Vital Statistics of Whole District during 1938
and Previous Years.

Year.	Population estimated to Middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths.		Net Deaths belonging to the District.			
		Uncorrected Number.	Net.						Under 1 year.		At all Ages.	
			Number.	Rate.	Number.	Rate.	Number.	Rate per 1000 Net Births.	Number.	Rate.		
1	2	3	4	5	6	7	8	9	10	11	12	13
1913	43,700	1287	1297	29.7	571	13.1	5	93	154	119.5	659	15.1
1914	44,570	1396	1403	31.4	530	11.8	3	96	184	131.1	623	13.9
1915	45,700	1297	1305	28.6	640	14.0	5	105	168	128.7	740	16.2
1916	42,706	1287	1297	27.9	528	12.3	11	112	127	97.9	629	14.7
1917	43,358	1207	1207	24.9	619	14.2	—	63	151	125.1	682	15.7
1918	43,593	1314	1314	26.9	761	17.4	22	112	149	113.3	851	19.5
1919	43,689	1227	1227	26.9	618	14.1	19	123	164	133.6	722	16.5
1920	45,430	1457	1457	31.8	543	11.9	11	111	163	111.9	643	14.1
1921	43,880	1347	1393	31.7	529	12.5	4	95	154	110.5	620	14.1
1922	44,070	1101	1156	26.2	463	10.5	8	89	107	92.6	544	12.3
1923	45,030	1115	1211	26.8	423	9.3	7	94	96	79.2	510	11.3
1924	45,480	1030	1089	23.9	455	10.0	5	119	100	91.8	569	12.5
1925	45,620	1007	1068	23.4	482	10.5	5	148	116	108.6	625	13.7
1926	45,080	1008	1029	22.8	391	8.6	4	141	65	63.1	528	11.7
1927	45,730	933	945	20.6	478	10.4	9	140	81	85.7	609	13.2
1928	44,440	928	951	21.4	398	8.9	5	157	79	83.07	550	12.4
1929	44,800	894	900	20.09	432	9.6	9	176	85	94.4	599	13.4
1930	44,800	886	882	19.68	347	7.7	8	152	64	72.5	491	10.9
1931	44,870	933	885	19.71	458	10.2	7	139	76	85.9	590	13.1
1932	44,340	832	759	17.0	375	8.5	10	125	61	80.3	500	11.3
1933	43,950	815	717	16.3	364	8.3	6	147	56	78.1	511	11.6
1934	43,660	868	768	17.5	354	8.1	12	146	60	78.1	514	11.7
1935	43,660	899	711	16.2	338	7.5	9	172	48	66.1	510	11.6
1936	43,640	925	711	16.29	357	8.1	5	157	56	78.7	514	11.7
1937	43,850	994	726	16.5	375	8.5	8	167	53	71.6	542	12.3
1938	43,970	993	736	16.7	391	8.8	17	154	63	85.5	545	12.4

TABLE II.

Cases of Infectious Disease notified during the Year 1938.

DISEASE.	Number of Cases Notified.											Total Cases Notified in Each Ward.							Total Cases Removed to Hospital			
	At All Ages.	At Ages—Years.										Northumb-berland.	Wallsend.	Carville.	Buddle.	Holy Cross	Hadrian.	Willington		Willington Quay.	Howdon.	
		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45											45 to 65	65 and over.
Small-Pox ...	—	2	10	15	30	11	113	50	23	13	4	1	—	—	66	41	30	28	25	30	—	260
Scarlet Fever ...	272	—	2	8	7	14	53	29	12	6	2	—	—	—	35	16	20	11	14	19	—	130
Diphtheria...	133	—	—	1	2	—	2	—	—	3	1	—	2	—	—	4	1	1	1	—	—	11
Enteric Fever ...	11	—	—	—	—	—	—	—	1	1	—	—	—	—	2	—	—	—	—	—	—	2
Puerperal Pyrexia ...	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever ...	—	—	—	—	—	—	—	1	3	2	7	12	3	3	7	2	5	2	4	2	—	2
Erysipelas ...	29	1	—	—	—	—	—	2	8	8	8	17	6	7	20	22	15	16	14	18	—	—
Pneumonia ...	121	14	18	11	7	6	16	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
Malaria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery ...	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	1	—	—	—	—
Ophthalmia Neonatorum...	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Encephalitis Lethargica ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Cerebro Spinal Fever ...	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Respiratory Tuberculosis	68	—	—	—	2	—	6	6	17	20	9	7	1	4	14	13	14	7	3	2	—	—
Other Tuberculous Diseases	29	1	2	2	1	—	2	5	6	9	—	1	—	2	7	2	2	4	2	3	—	1
Totals ...	670	21	32	37	49	31	192	93	71	63	31	38	12	51	151	101	88	70	64	75	—	407

TABLE

Causes of, and Ages at,

Causes of Death.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.								
	All Ages	Under 1	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards
Typhoid & Paratyphoid fevers	1	—	—	—	—	—	—	—	1
Measles	8	—	6	1	1	—	—	—	—
Scarlet Fever	3	—	—	3	—	—	—	—	—
Whooping Cough	4	3	1	—	—	—	—	—	—
Diphtheria	6	—	—	4	2	—	—	—	—
Influenza	2	—	—	—	—	—	1	1	—
Encephalitis Lethargica ...	1	—	—	—	—	—	—	—	1
Cerebro-Spinal Fever ...	—	—	—	—	—	—	—	—	—
Tuberculosis of Resp. System	39	—	—	1	—	10	15	12	1
Other Tuberculous Diseases	13	1	—	1	5	2	4	—	—
Syphilis	3	1	—	—	—	—	—	2	—
General Paralysis of the Insane, tabes dorsalis ...	6	—	—	—	—	—	1	2	3
Cancer, Malignant Disease ...	63	—	—	—	—	—	4	27	32
Diabetes	11	—	—	—	—	1	—	3	7
Cerebral Haemorrhage, etc....	29	—	—	—	—	—	—	5	24
Heart Disease	109	1	—	—	2	1	5	38	62
Aneurysm	1	—	—	—	—	—	—	1	—
Other Circulatory Diseases ...	49	—	—	—	—	—	1	10	38
Bronchitis	21	3	—	—	—	—	2	2	14
Pneumonia (all forms) ...	24	9	1	2	—	1	2	4	5
Other Respiratory Diseases...	6	—	—	1	—	—	2	2	1
Peptic Ulcer	2	—	—	—	—	—	—	—	2
Diarrhoea, etc. (under 2 yrs.)	5	5	—	—	—	—	—	—	—
Appendicitis	2	—	—	—	1	—	1	—	—
Cirrhosis of Liver	4	—	—	—	—	—	1	3	—
Other Diseases of Liver, etc.	4	—	—	—	—	—	1	2	1
Other Digestive Diseases ...	15	3	—	—	—	—	1	7	4
Acute and Chronic Nephritis	11	1	—	—	1	—	1	—	8
Puerperal Sepsis	—	—	—	—	—	—	—	—	—
Other Puerperal Causes ...	—	—	—	—	—	—	—	—	—
Congenital Debility, Prem. Birth, Malformations, etc.	32	32	—	—	—	—	—	—	—
Senility	8	—	—	—	—	—	—	—	8
Suicide	2	—	—	—	—	—	1	1	—
Other Violence	15	—	1	2	—	—	6	6	—
Other Defined Diseases ...	46	4	1	—	3	1	10	11	16
Causes Ill-Defined or Unknown	—	—	—	—	—	—	—	—	—
Totals ...	545	63	10	15	15	16	59	139	228

III.

Death during the Year 1938.

Deaths at all ages of " Residents " belonging to the Wards,
whether occurring in or beyond the District.

Northum- berland	Wallsend	Carville	Buddle	Holy Cross	Hadrian	Will'gton	Will'gton Quay	Howdon
—	—	—	—	—	—	—	1	—
—	2	1	4	—	1	—	—	—
—	—	1	1	—	1	—	—	—
—	—	—	—	—	—	1	2	1
—	—	1	2	2	1	—	—	—
—	—	—	1	—	—	1	—	—
—	—	—	—	1	—	—	—	—
—	—	—	—	—	—	—	—	—
2	5	4	8	4	3	5	3	5
1	1	2	2	2	—	1	2	2
—	—	—	1	—	—	1	1	—
—	—	—	3	—	1	1	—	1
3	10	4	13	7	8	9	5	4
—	2	—	3	2	1	3	—	—
4	4	2	7	—	3	1	4	4
10	11	8	26	13	15	11	10	5
1	—	—	—	—	—	—	—	—
2	3	7	14	7	6	4	2	4
1	2	2	3	5	1	4	—	3
1	3	2	3	1	3	4	1	6
1	—	2	2	—	—	—	1	—
—	—	1	—	1	—	—	—	—
—	3	—	—	—	—	—	—	2
—	—	1	1	—	—	—	—	—
—	2	—	—	—	—	—	2	—
—	1	—	1	—	—	1	—	1
1	2	—	4	—	—	—	6	2
—	3	3	—	—	2	2	1	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
2	6	1	3	8	3	4	1	4
1	2	1	2	1	—	—	—	1
—	—	1	—	—	1	—	—	—
2	2	—	4	—	2	1	1	3
3	7	2	14	3	2	5	8	2
—	—	—	—	—	—	—	—	—
35	71	46	122	57	54	59	51	50

TABLE IV.

Causes of, and Ages at, Deaths of Residents Registered Beyond the District.

CAUSES OF DEATH.	All Ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.	North-berland.	Wallsend.	Carville.	Buddle.	Holy Cross.	Hadrian.	Willington	Willington Quay.	Howdon.
Typhoid & Para-Typhoid Fevers	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Diphtheria	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Influenza	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Respiratory Tuberculosis	7	...	...	...	2	3	2	2	...	1	...	...	1	1	1	2	...	1
Other Tuberculous Diseases	6	...	...	...	1	1	...	...	...	...	...	...	2	1	...	1	1	...
Syphilis	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
General Paralysis of the insane, tabes dorsalis	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cancer, malignant disease	17	...	...	...	...	...	2	2	...	...	...	2	3	1	4	2	2	...
Diabetes	7	...	...	...	...	...	3	3	3	...	2	...	1	2	...	2	...	...
Cerebral Haemorrhage, etc.	1	...	...	...	...	...	...	...	1	1	...	3	...	...	...	...	...	...
Heart Disease	19	1	...	...	...	1	8	...	9	3	...	3	2	2	2	2	1	1
Aneurysm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Circulatory Diseases	17	...	...	...	...	...	3	...	14	...	...	1	4	2	5	2	1	2
Bronchitis	3	...	...	...	...	...	...	1	2	1	...	...	...	...	...	1	...	1
Pneumonia (all forms)	7	2	...	...	...	...	1	1	3	1	...	...	...	1	3	1	...	1
Other Respiratory Diseases	3	...	...	...	...	1	...	...	...	...	...	1	1	1	...	...	...	...
Peptic Ulcer	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...
Diarrhoea, etc. (under 2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Appendicitis	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cirrhosis of Liver	2	...	...	...	...	1	...	2	...	...	1	...	1	...	...	1	...	...
Other Diseases of Liver, etc.	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...
Other Digestive Diseases	10	1	...	...	...	1	6	...	2	1	1	...	3	...	...	...	4	1
Acute & Chronic Nephritis	6	1	...	...	1	...	...	...	4	...	1	2	...	...	1	1	1	...
Puerperal Sepsis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Puerperal Causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Congenital debility, premature birth, malformations, etc.	4	4	...	...	...	...	...	...	1	...	1	...	1	1	...	1	...	...
Senility	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Suicide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Deaths from Violence	11	...	1	2	...	3	5	...	...	2	...	...	4	...	1	...	...	2
Other Defined Diseases	23	2	...	...	...	10	7	...	3	2	5	1	9	1	1	1	1	2
Causes ill-defined or unknown	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	154	11	1	3	6	25	53	49	49	12	22	10	36	13	18	18	14	11

TABLE V.

Infantile Mortality during the Year 1938.

CAUSES OF DEATH.	Under 1 week.	1 to 2 weeks.	2 to 3 weeks.	3 to 4 weeks.	Total under 1 month.	1 to 3 months.	3 to 6 months.	6 to 9 months.	9 to 12 months.	Total Deaths under 1 year.	Northum-berland.	Wallsend.	Carville.	Buddle.	Holy Cross	Hadrian.	Willing-ton.	Willing-ton Quay.	Howdon.
Small-pox
Chicken-pox
Measles
Scarlet Fever	2	1	...	3	...	...	...	...	...	...	1	1	1
Whooping Cough
Diphtheria and Croup
Erysipelas
Tuberculous Meningitis	1	1	...	...	...	...	...	...	...	...	1
Abdominal Tuberculosis
Other Tuberculous Diseases
Meningitis (not tuberculous)	1	...	...	...	1	...	...	...	...	...	...	...	1	...
Cerebro Spinal Fever...	1	...	2	...	...	1	...	3	1	...	...	...	...	...	1	1	...
Convulsions ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laryngitis	2	1	...	3	...	...	...	...	...	...	...	...	...
Bronchitis	1	1	...	...	...	...
Pneumonia (all forms)	1	1	1	4	1	3	9	...	1	1	2	...	2	1	...	2
Diarrhoea	1	...	1	1	2	1	...	5	...	3	...	...	...	...	...	...	2
Enteritis
Gastritis
Syphilis	1	...	...	...	...	...	...	...	...	...	...	1	...	...
Nephritis	1	...	...	1	...	...	...	...	...	...	...	...	...
Rickets
Suffocation Overlying
Injury at Birth
Atelectasis ...	1	...	1	...	2	...	...	...	...	2	...	...	...	...	1	1	...	...	...
Congenital Malformations ...	4	1	...	1	6	...	...	...	...	6	...	3	...	3	...	...	...	...	...
Premature Birth ...	12	1	...	1	14	2	...	...	...	16	1	1	2	2	5	1	4	1	2
Atrophy, Debility, & Marasmus ...	2	...	1	...	3	3	1	...	1	8	...	...	...	...	1	...	1	...	...
Violent Deaths	2	...	...	...	...	...	...	...	1	...	...	...
Other Causes	1	...	...	1	1	...	...	...	4	...	...	...	1	...	...	...	...	...
Ill-defined Diseases
TOTALS ...	20	3	4	3	30	10	12	6	5	63	2	10	3	10	8	5	10	4	11

TABLE VI.

Particulars of Work carried out by Health Visitors.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Number of Births Notified	82	86	68	84	86	89	92	77	92	78	87	72	993
No. Notified by Doctors, etc.	23	16	17	23	24	18	28	22	30	21	17	20	259
„ „ Midwives	59	70	51	61	62	71	64	55	62	57	70	52	734
„ of Still Born	—	1	—	2	2	2	2	2	3	2	2	3	21
„ of First Visits to Infants	61	52	70	51	54	52	75	63	40	75	56	55	704
„ of Re-Visits to Infants	272	261	246	268	152	116	190	176	144	175	235	245	2480
„ „ Children 1-5 years	591	508	654	698	353	234	329	334	294	323	432	536	5286
„ of First Visits to Expectant Mothers	20	18	35	36	21	4	21	21	12	18	35	23	264
„ of Re-Visits to Expectant Mothers	17	17	18	26	28	14	27	22	12	20	18	25	244
„ of Breast Fed Infants	53	47	66	43	49	40	62	50	30	62	47	47	596
„ of Partially Breast Fed Infants	3	2	2	6	2	6	3	1	1	3	3	1	33
„ of Artificially Fed Infants	5	3	2	2	3	6	10	12	9	10	6	7	75

TABLE VII.

Birth-rates, Death-rates, Analysis of Mortality, Maternal
Death-rates, and Case-rates for certain Infectious
Diseases in the year 1938.

England and Wales, London,
123 Great Towns and 148
Smaller Towns.

(Provisional Figures based on Weekly and Quarterly Returns).

	ENGLAND AND WALES.	126 COUNTY BOROUGHs AND GREAT TOWNS INCLUDING LONDON.	148 SMALLER TOWNS (RESIDENT POPULATIONS 25,000 TO 50,000 AT 1931 CENSUS).	LONDON ADMINISTRATIVE COUNTY.	Wallsend
	Rates per 1,000 Population.				
Births :					
Live	15.1	15.0	15.4	13.4	16.7
Still	0.60	0.65	0.60	0.48	0.47
Deaths :					
All Causes	11.4	11.7	11.0	11.4	12.4
Typhoid & Paratyphoid Fever	0.00	0.00	0.00	0.00	0.02
Smallpox	0.00	—	0.00	—	—
Measles	0.04	0.05	0.03	0.06	0.18
Scarlet Fever	0.01	0.01	0.01	0.01	0.06
Whooping Cough	0.03	0.03	0.02	0.03	0.09
Diphtheria	0.07	0.07	0.06	0.05	0.13
Influenza	0.11	0.10	0.11	0.06	0.04
Notifications :					
Smallpox	0.00	0.00	0.00	—	—
Scarlet Fever	2.41	2.60	2.58	2.05	6.18
Diphtheria	1.58	1.85	1.53	1.90	3.02
Enteric Fever	0.03	0.03	0.04	0.05	0.25
Erysipelas	0.40	0.46	0.39	0.46	0.65
Pneumonia	1.10	1.28	0.98	0.98	2.75
	Rates per 1,000 Live Births.				
Deaths under 1 year of age	53	57	51	57	85.5
Deaths from Diarrhoea and Enteritis under 2 years of age ...	5.5	7.8	3.6	13.1	6.7
Maternal Mortality :					
Puerperal Sepsis	0.89	} Not available.			—
Others	2.19				—
Total	3.08				—
	Rates per 1,000 Total Births (i.e. Live and Still).				
Maternal Mortality :					
Puerperal Sepsis	0.86	} Not available.			—
Others	2.11				—
Total	2.97				—
Notifications :					
Puerperal Fever Puerperal Pyrexia }	14.42	18.08	12.51	3.53 15.46	— 2.64

TABLE VIII.
SUMMARY OF PRINCIPAL INSPECTIONS, ETC.

	Number of Inspections during year	Number of Defects or Contraventions of Bye-laws	Number outstanding from previous year	Total	Number remedied after letter or interview	Number of INFORMAL Notices served	Defects remedied thereafter	Number of STATUTORY Notices served	Defects remedied thereafter	In progress or being dealt with	Legal Proceedings
HOUSING.	Structural Defects ...	1876	352	2228	241	412	1433	113	281	59	—
	Defective Food-store	6	2	8	—	3	3	—	—	—	—
	Dampness ...	39	32	71	—	15	15	—	—	—	—
	Overcrowding ...	18	—	18	—	—	—	—	—	—	—
	Nuisances ...	1074	14	1088	20	919	1032	88	80	8	—
WATER SUPPLY	Insufficient ...	—	—	—	—	—	—	—	—	—	—
	Unsatisfactory ...	25	—	25	—	15	15	—	—	—	—
DRAINAGE	Insufficient ...	—	—	—	—	—	—	—	—	—	—
	Defective ...	20	—	20	—	20	20	—	—	—	—
SANITARY CONVENIENCES	Insufficient ...	—	—	—	—	—	—	—	—	—	—
	Defective ...	14	—	14	—	14	14	—	—	—	—
Shops, Food-stores, &c. Dairies, Cowsheds, and Dilkshops Slaughter-houses Tents, Vans, etc. Offensive Trades Factories Keeping of Animals Offensive accumulations Smoke Nuisances Petrol Stores	...	12	—	12	—	10	10	—	—	—	—
	...	5	—	5	—	5	5	—	—	—	—
	...	6	—	6	—	6	6	—	—	—	—
	...	1	—	1	—	1	1	—	—	—	—
	...	3	—	3	—	3	3	—	—	—	—
	...	5	—	5	—	5	5	—	—	—	—
	...	2	—	2	—	2	2	—	—	—	—
	...	2	—	2	—	2	2	—	—	—	—
	...	3	—	3	—	3	3	—	—	—	—
	...	2	—	2	—	2	2	—	—	—	—
	TOTAL	3113	400	3513	261	1437	2571	201	361	67	—
	9783										

